

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74826
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal I-1-9-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33901
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 1965' FNL 643' FEL At proposed prod. zone NE/NE At Target: 1235' FNL 1260' FEL BHL: 1064' FNL 1404' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 12.3 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R15E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1260' f/ise, 1260' f/unit	16. No. of Acres in lease 2,189.98	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1345'	19. Proposed Depth 6300'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5881' GL	22. Approximate date work will start* 2nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/14/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-02-08
Title Regulatory Specialist	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

570560X  
44347404  
40.061848  
-110.172658

Target  
570370X  
44349604  
40.063852  
-110.174860

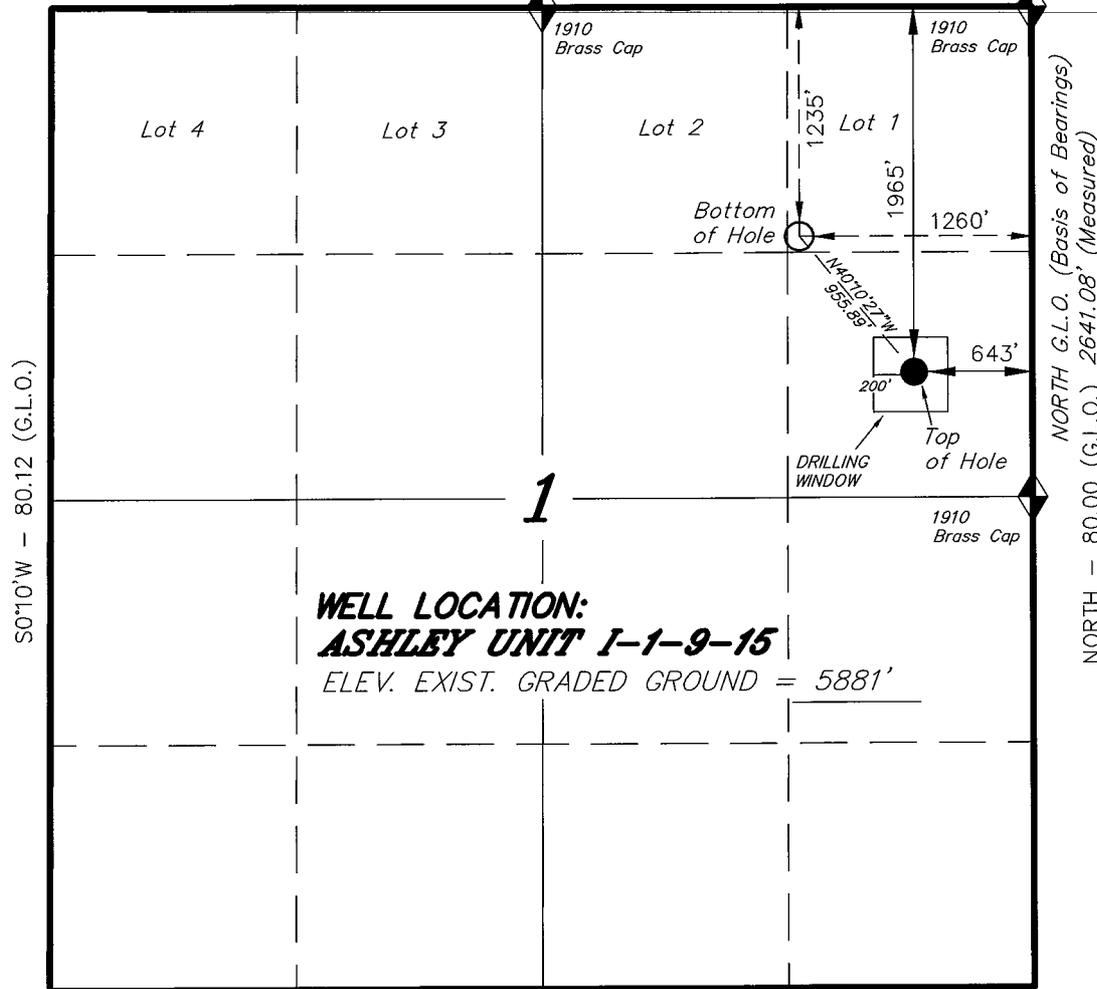
Federal Approval of this BHL  
Action is Necessary 570326X  
44350134  
40.064328  
-110.175376

RECEIVED  
FEB 04 2008  
DIV. OF OIL, GAS & MINING

# T9S, R15E, S.L.B.&M.

WEST (G.L.O.)

N89°56'48"W - 2640.95' (Meas.)



S010°W - 80.12 (G.L.O.)

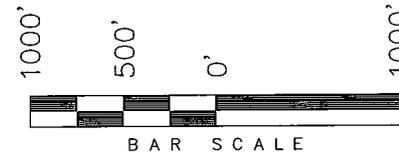
NORTH G.L.O. (Basis of Bearings)  
NORTH - 80.00 (G.L.O.) 2641.08' (Measured)

**WELL LOCATION:**  
**ASHLEY UNIT I-1-9-15**  
ELEV. EXIST. GRADED GROUND = 5881'

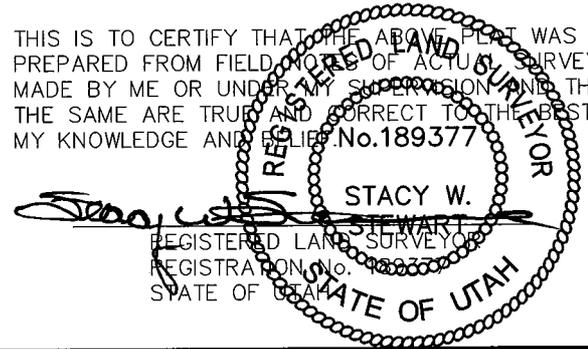
S89°57'W - 80.20 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, **ASHLEY UNIT I-1-9-15**,  
LOCATED AS SHOWN IN THE SE 1/4 NE  
1/4 OF SECTION 1, T9S, R15E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**ASHLEY UNIT I-1-9-15**  
(Surface Location) NAD 83  
LATITUDE = 40° 03' 42.51"  
LONGITUDE = 110° 10' 24.01"

### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 05-31-07	SURVEYED BY: K.G.S.
DATE DRAWN: 07-05-07	DRAWN BY: T.C.J.
REVISED: 01-31-08 L.C.S.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #I-1-9-15  
AT SURFACE: SE/NE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1630'
Green River	1630'
Wasatch	6300'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1630' – 6300' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

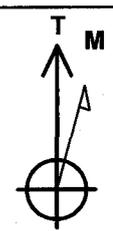
Please refer to the Monument Butte Field SOP.



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Ahsley Unit I-1-9-15  
Well: Ahsley Unit I-1-9-15  
Wellbore: OH  
Design: Plan #1

**Nowfield Exploration Co.**

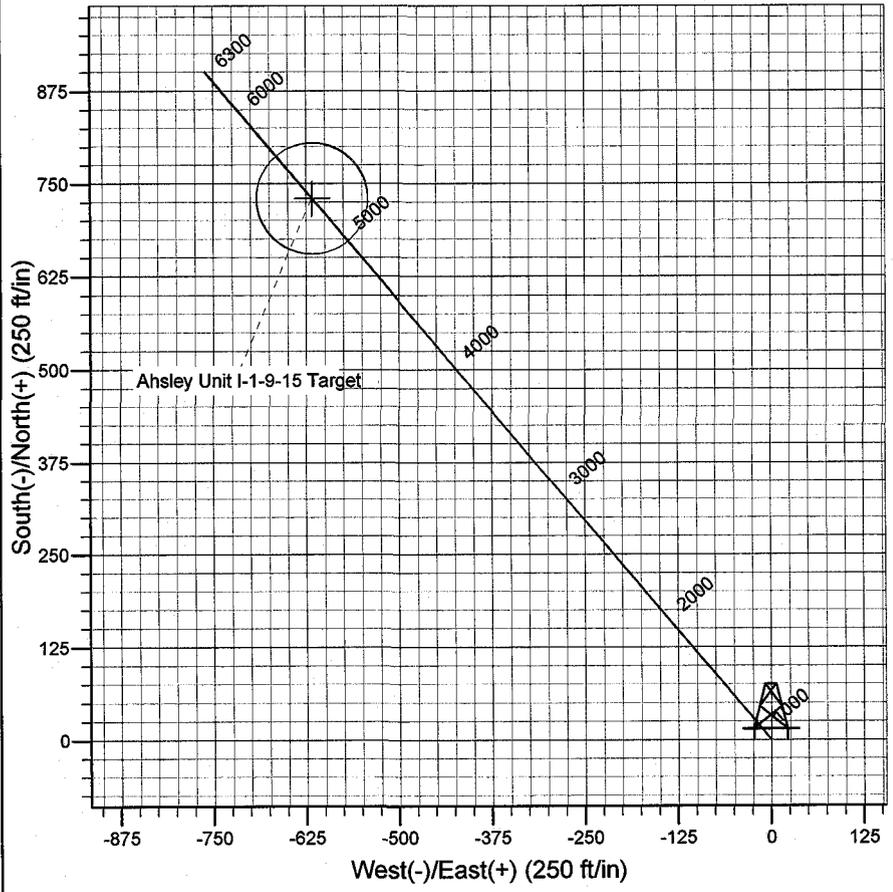
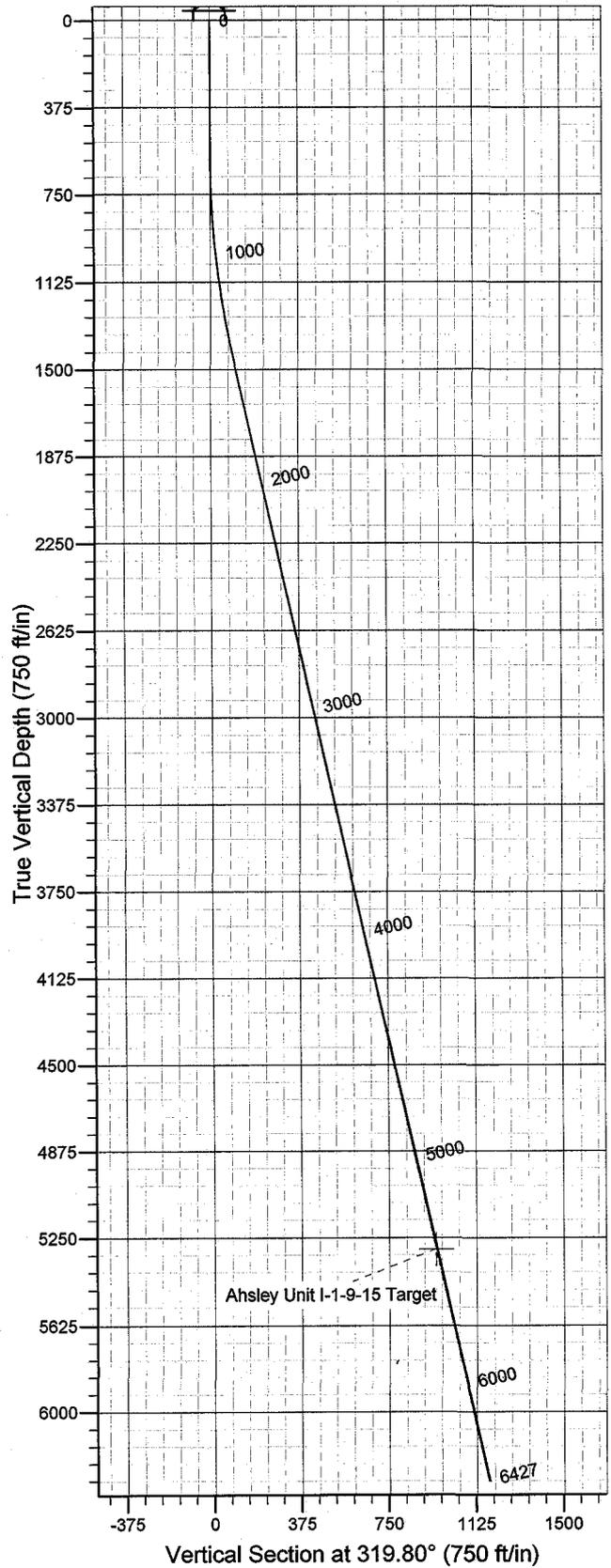


Azimuths to True North  
Magnetic North: 11.79°

Magnetic Field  
Strength: 52623.3snT  
Dip Angle: 65.88°  
Date: 2008-01-07  
Model: IGRF2005-10

**WELL DETAILS: Ahsley Unit I-1-9-15**

	GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)	5881.00
+N/-S	Northing	Longitude
0.00	7194005.61	110° 10' 24.010 W
+E/-W	Easting	Latitude
0.00	2011719.22	40° 3' 42.510 N



Plan: Plan #1 (Ahsley Unit I-1-9-15/OH)
Created By: Julie Cruse    Date: 2008-01-07
PROJECT DETAILS: Duchesne County, UT
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone Location: Sec 1 T9S R15E System Datum: Mean Sea Level Local North: True North

**SECTION DETAILS**

c	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1439.53	12.59	319.80	1432.79	70.18	-59.32	1.50	319.80	91.89	
4	402.07	12.59	319.80	5300.00	730.00	-617.00	0.00	0.00	955.82	Ahsley Unit I-1-9-15 Target
5	426.72	12.59	319.80	6300.00	900.62	-761.21	0.00	0.00	1179.22	

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Ahsley Unit I-1-9-15**

**Ahsley Unit I-1-9-15**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**07 January, 2008**

# Scientific Drilling Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Ahsley Unit I-1-9-15  
**Well:** Ahsley Unit I-1-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ahsley Unit I-1-9-15  
**TVD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**MD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Ahsley Unit I-1-9-15, Sec 1 T9S R15E				
<b>Site Position:</b>		<b>Northing:</b>	7,194,005.61 ft	<b>Latitude:</b>	40° 3' 42.510 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,011,719.22 ft	<b>Longitude:</b>	110° 10' 24.010 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.85 °

<b>Well</b>	Ahsley Unit I-1-9-15, 1965' FNL 643' FEL Sec 1 T9S R15E					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	7,194,005.61 ft	<b>Latitude:</b>	40° 3' 42.510 N
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,011,719.22 ft	<b>Longitude:</b>	110° 10' 24.010 W
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	5,881.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2005-10	2008-01-07	(°) 11.79	(°) 65.88	(nT) 52,623

<b>Design</b>	Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	5,300.00	0.00	0.00	319.80

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,439.53	12.59	319.80	1,432.79	70.18	-59.32	1.50	1.50	0.00	319.80	
5,402.07	12.59	319.80	5,300.00	730.00	-617.00	0.00	0.00	0.00	0.00	Ahsley Unit I-1-9-15 T
6,426.72	12.59	319.80	6,300.00	900.62	-761.21	0.00	0.00	0.00	0.00	

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Ahsley Unit I-1-9-15  
**Well:** Ahsley Unit I-1-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ahsley Unit I-1-9-15  
**TVD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**MD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	319.80	699.99	1.00	-0.84	1.31	1.50	1.50	0.00
800.00	3.00	319.80	799.91	4.00	-3.38	5.23	1.50	1.50	0.00
900.00	4.50	319.80	899.69	8.99	-7.60	11.77	1.50	1.50	0.00
1,000.00	6.00	319.80	999.27	15.98	-13.51	20.92	1.50	1.50	0.00
1,100.00	7.50	319.80	1,098.57	24.96	-21.09	32.68	1.50	1.50	0.00
1,200.00	9.00	319.80	1,197.54	35.92	-30.36	47.03	1.50	1.50	0.00
1,300.00	10.50	319.80	1,296.09	48.85	-41.29	63.96	1.50	1.50	0.00
1,400.00	12.00	319.80	1,394.16	63.75	-53.88	83.47	1.50	1.50	0.00
1,439.53	12.59	319.80	1,432.79	70.18	-59.32	91.89	1.50	1.50	0.00
1,500.00	12.59	319.80	1,491.80	80.25	-67.83	105.07	0.00	0.00	0.00
1,600.00	12.59	319.80	1,589.40	96.90	-81.90	126.88	0.00	0.00	0.00
1,700.00	12.59	319.80	1,686.99	113.55	-95.97	148.68	0.00	0.00	0.00
1,800.00	12.59	319.80	1,784.59	130.20	-110.05	170.48	0.00	0.00	0.00
1,900.00	12.59	319.80	1,882.18	146.85	-124.12	192.28	0.00	0.00	0.00
2,000.00	12.59	319.80	1,979.77	163.51	-138.20	214.08	0.00	0.00	0.00
2,100.00	12.59	319.80	2,077.37	180.16	-152.27	235.89	0.00	0.00	0.00
2,200.00	12.59	319.80	2,174.96	196.81	-166.34	257.69	0.00	0.00	0.00
2,300.00	12.59	319.80	2,272.56	213.46	-180.42	279.49	0.00	0.00	0.00
2,400.00	12.59	319.80	2,370.15	230.11	-194.49	301.29	0.00	0.00	0.00
2,500.00	12.59	319.80	2,467.75	246.76	-208.57	323.10	0.00	0.00	0.00
2,600.00	12.59	319.80	2,565.34	263.41	-222.64	344.90	0.00	0.00	0.00
2,700.00	12.59	319.80	2,662.93	280.07	-236.71	366.70	0.00	0.00	0.00
2,800.00	12.59	319.80	2,760.53	296.72	-250.79	388.50	0.00	0.00	0.00
2,900.00	12.59	319.80	2,858.12	313.37	-264.86	410.31	0.00	0.00	0.00
3,000.00	12.59	319.80	2,955.72	330.02	-278.94	432.11	0.00	0.00	0.00
3,100.00	12.59	319.80	3,053.31	346.67	-293.01	453.91	0.00	0.00	0.00
3,200.00	12.59	319.80	3,150.91	363.32	-307.08	475.71	0.00	0.00	0.00
3,300.00	12.59	319.80	3,248.50	379.97	-321.16	497.52	0.00	0.00	0.00
3,400.00	12.59	319.80	3,346.09	396.63	-335.23	519.32	0.00	0.00	0.00
3,500.00	12.59	319.80	3,443.69	413.28	-349.30	541.12	0.00	0.00	0.00
3,600.00	12.59	319.80	3,541.28	429.93	-363.38	562.92	0.00	0.00	0.00
3,700.00	12.59	319.80	3,638.88	446.58	-377.45	584.73	0.00	0.00	0.00
3,800.00	12.59	319.80	3,736.47	463.23	-391.53	606.53	0.00	0.00	0.00
3,900.00	12.59	319.80	3,834.07	479.88	-405.60	628.33	0.00	0.00	0.00
4,000.00	12.59	319.80	3,931.66	496.54	-419.67	650.13	0.00	0.00	0.00
4,100.00	12.59	319.80	4,029.26	513.19	-433.75	671.94	0.00	0.00	0.00
4,200.00	12.59	319.80	4,126.85	529.84	-447.82	693.74	0.00	0.00	0.00
4,300.00	12.59	319.80	4,224.44	546.49	-461.90	715.54	0.00	0.00	0.00
4,400.00	12.59	319.80	4,322.04	563.14	-475.97	737.34	0.00	0.00	0.00
4,500.00	12.59	319.80	4,419.63	579.79	-490.04	759.15	0.00	0.00	0.00
4,600.00	12.59	319.80	4,517.23	596.44	-504.12	780.95	0.00	0.00	0.00
4,700.00	12.59	319.80	4,614.82	613.10	-518.19	802.75	0.00	0.00	0.00
4,800.00	12.59	319.80	4,712.42	629.75	-532.27	824.55	0.00	0.00	0.00
4,900.00	12.59	319.80	4,810.01	646.40	-546.34	846.36	0.00	0.00	0.00
5,000.00	12.59	319.80	4,907.60	663.05	-560.41	868.16	0.00	0.00	0.00
5,100.00	12.59	319.80	5,005.20	679.70	-574.49	889.96	0.00	0.00	0.00
5,200.00	12.59	319.80	5,102.79	696.35	-588.56	911.76	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** EDM 2003.16 Multi-User Db  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Ahsley Unit I-1-9-15  
**Well:** Ahsley Unit I-1-9-15  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Ahsley Unit I-1-9-15  
**TVD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**MD Reference:** GL 5881' & RKB 12' @ 5893.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	12.59	319.80	5,200.39	713.00	-602.63	933.57	0.00	0.00	0.00
5,400.00	12.59	319.80	5,297.98	729.66	-616.71	955.37	0.00	0.00	0.00
5,402.07	12.59	319.80	5,300.00	730.00	-617.00	955.82	0.00	0.00	0.00
5,500.00	12.59	319.80	5,395.58	746.31	-630.78	977.17	0.00	0.00	0.00
5,600.00	12.59	319.80	5,493.17	762.96	-644.86	998.97	0.00	0.00	0.00
5,700.00	12.59	319.80	5,590.76	779.61	-658.93	1,020.77	0.00	0.00	0.00
5,800.00	12.59	319.80	5,688.36	796.26	-673.00	1,042.58	0.00	0.00	0.00
5,900.00	12.59	319.80	5,785.95	812.91	-687.08	1,064.38	0.00	0.00	0.00
6,000.00	12.59	319.80	5,883.55	829.56	-701.15	1,086.18	0.00	0.00	0.00
6,100.00	12.59	319.80	5,981.14	846.22	-715.23	1,107.98	0.00	0.00	0.00
6,200.00	12.59	319.80	6,078.74	862.87	-729.30	1,129.79	0.00	0.00	0.00
6,300.00	12.59	319.80	6,176.33	879.52	-743.37	1,151.59	0.00	0.00	0.00
6,400.00	12.59	319.80	6,273.92	896.17	-757.45	1,173.39	0.00	0.00	0.00
6,426.72	12.59	319.80	6,300.00	900.62	-761.21	1,179.22	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Ahsley Unit I-1-9-15 Tar	0.00	0.00	5,300.00	730.00	-617.00	7,194,726.38	2,011,091.46	40° 3' 49.725 N	110° 10' 31.946 W
- hit/miss target									
- Shape									
- plan hits target center									
- Circle (radius 75.00)									

**NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #I-1-9-15  
AT SURFACE: SE/NE SECTION 1, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #I-1-9-15 located in the SE 1/4 NE 1/4 Section 1, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.6 miles  $\pm$  to its junction with an existing dirt road to the northwest; proceed northwesterly - 0.2 miles  $\pm$  to its junction with the beginning of the access road to the existing North Ashley 8-1-9-15 well location.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing North Ashley 8-1-9-15 well pad. See attached Topographic Map "B".

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the North Ashley 8-1-9-15 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Ashley Federal I-1-9-15. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Ashley Federal I-1-9-15 will be drilled off of the existing North Ashley 8-1-9-15 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 300' of disturbed area be granted in Lease UTU-74826 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

The Cultural Resource Evaluation for this area is attached. AERC Report #1557, 3/24/97. See attached report cover page, Exhibit "D".

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

None for the proposed Ashley Federal I-1-9-15.

**Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal I-1-9-15 was on-sited on 12/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was open.

**LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

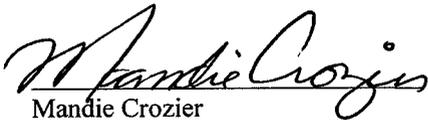
Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-1-9-15 SE/NE Section 1, Township 9S, Range 15E: Lease UTU-74826 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/14/08  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

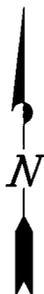
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

ASHLEY UNIT I-1-9-15 (Proposed Well)

ASHLEY UNIT 8-1-9-15 (Existing Well)

Pad Location: SENE Section 1, T9S, R15E, S.L.B.&M.

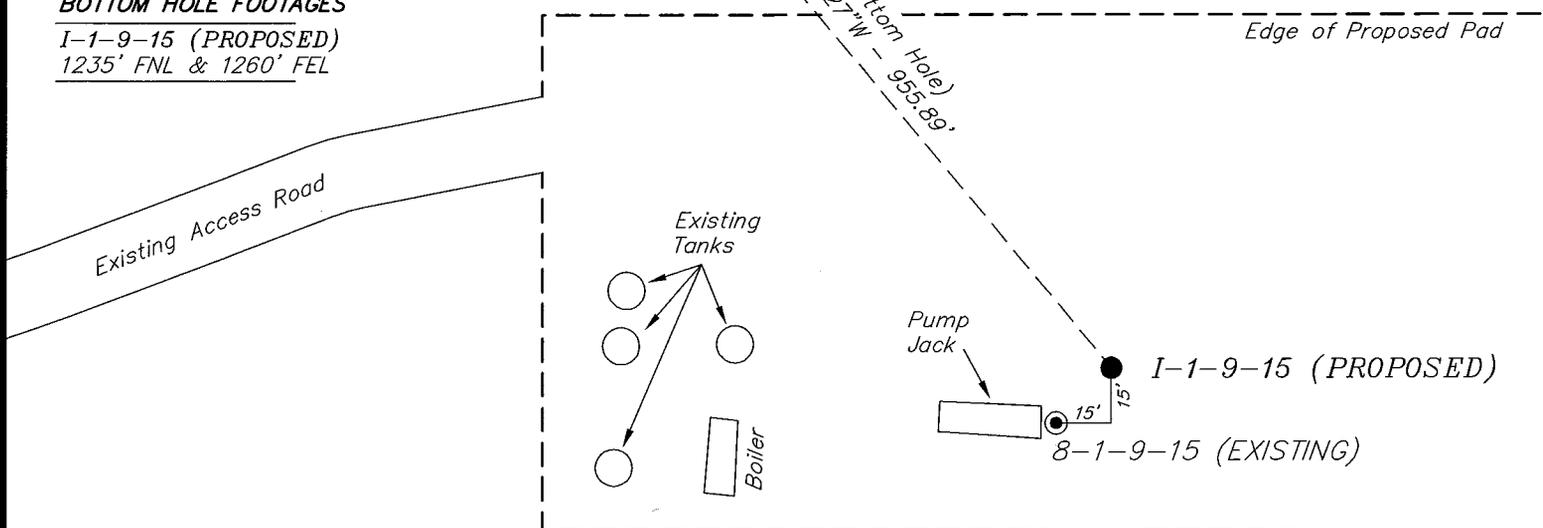


### TOP HOLE FOOTAGES

I-1-9-15 (PROPOSED)  
1965' FNL & 643' FEL

### BOTTOM HOLE FOOTAGES

I-1-9-15 (PROPOSED)  
1235' FNL & 1260' FEL



**Note:**  
Bearings are based on  
G.P.S. observations.

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
I-1 Proposed	40° 03' 42.51"	110° 10' 24.01"
8-1 Existing	40° 03' 42.36"	110° 10' 24.21"

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
I-1 Proposed	730'	-617'

SURVEYED BY: K.G.S.	DATE SURVEYED: 05-31-07
DRAWN BY: T.C.J.	DATE DRAWN: 07-05-07
SCALE: 1" = 50'	REVISED: L.C.S. 01-31-08

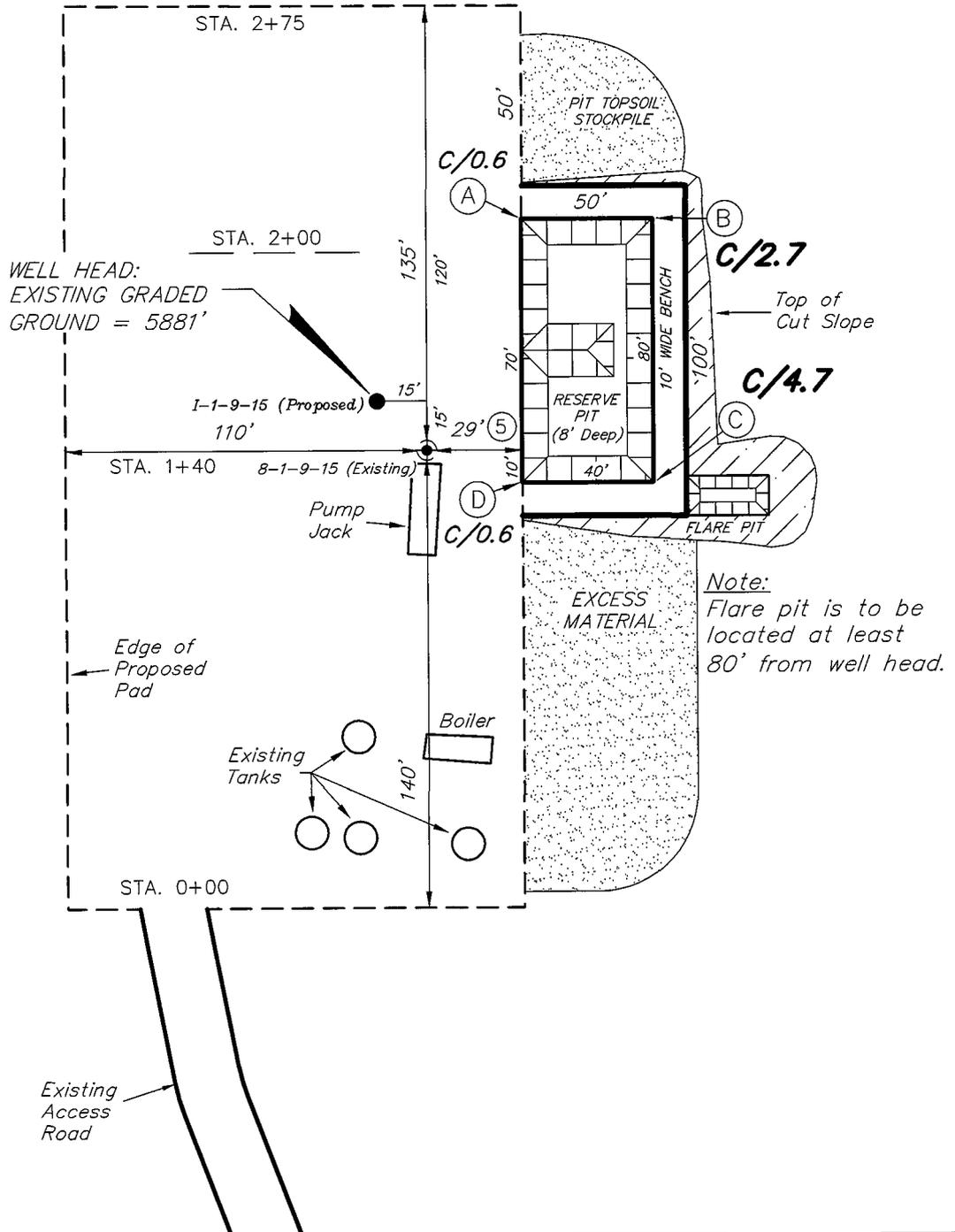
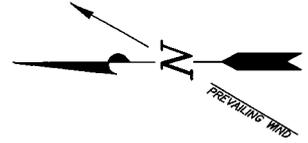
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

ASHLEY UNIT I-1-9-15 (Proposed Well)

ASHLEY UNIT 8-1-9-15 (Existing Well)

Pad Location: SENE Section 1, T9S, R15E, S.L.B.&M.



SURVEYED BY: K.G.S.	DATE SURVEYED: 05-31-07
DRAWN BY: T.C.J.	DATE DRAWN: 07-05-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-06-07

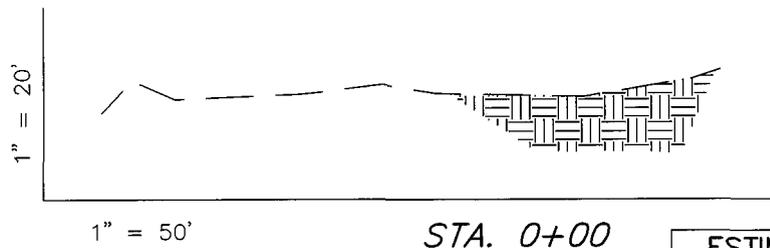
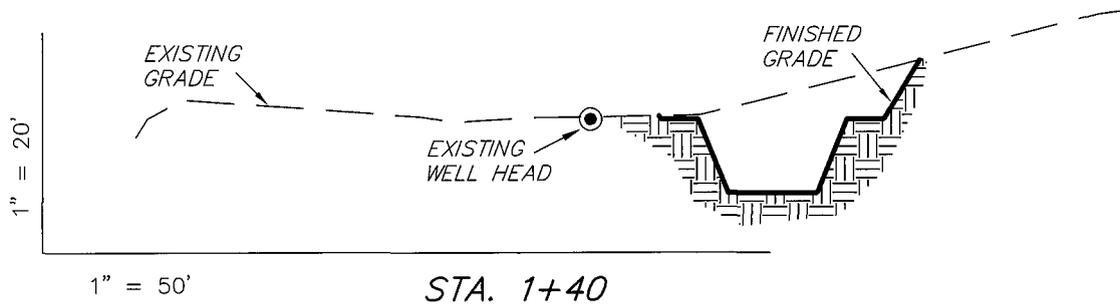
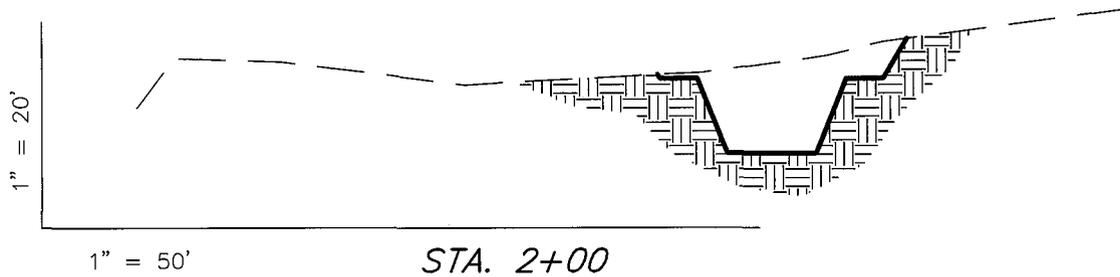
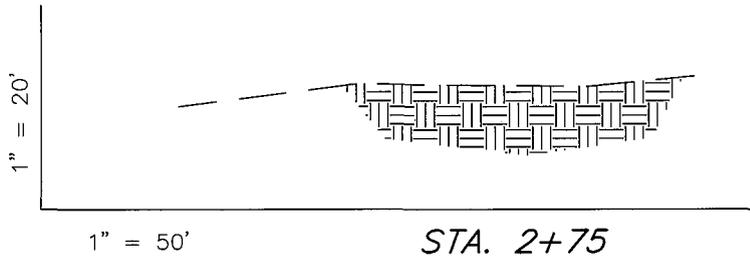
**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

ASHLEY UNIT 1-1-9-15 (Proposed Well)

ASHLEY UNIT 8-1-9-15 (Existing Well)



NOTE:  
UNLESS OTHERWISE  
NOTED CUT & FILL  
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	730	0	Topsoil is not included in Pad Cut	730
PIT	640	0		640
TOTALS	1,370	0	150	1,370

SURVEYED BY: K.G.S.	DATE SURVEYED: 05-31-07
DRAWN BY: T.C.J.	DATE DRAWN: 07-05-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-06-07

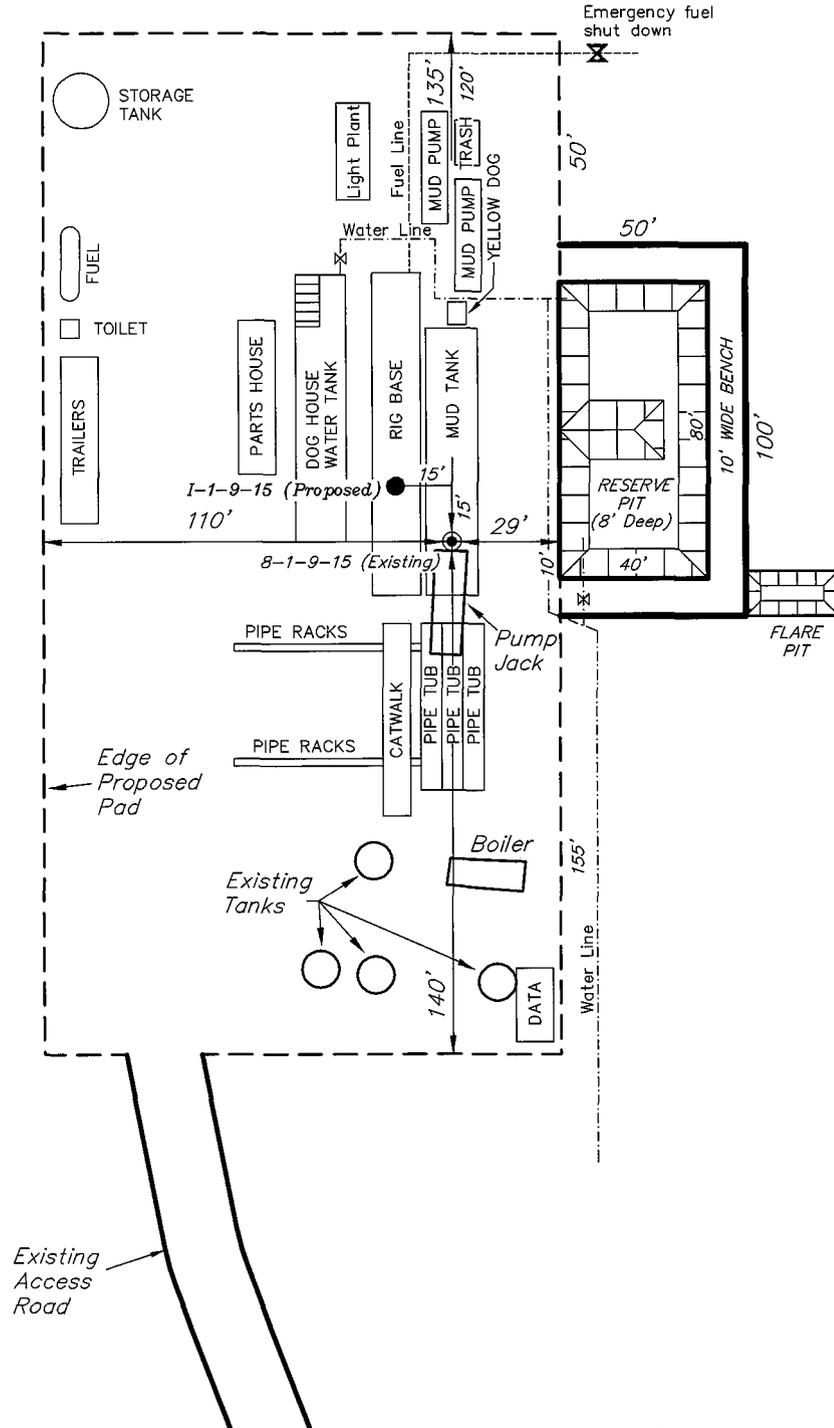
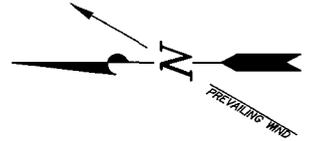
**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

ASHLEY UNIT 1-1-9-15 (Proposed Well)

ASHLEY UNIT 8-1-9-15 (Existing Well)

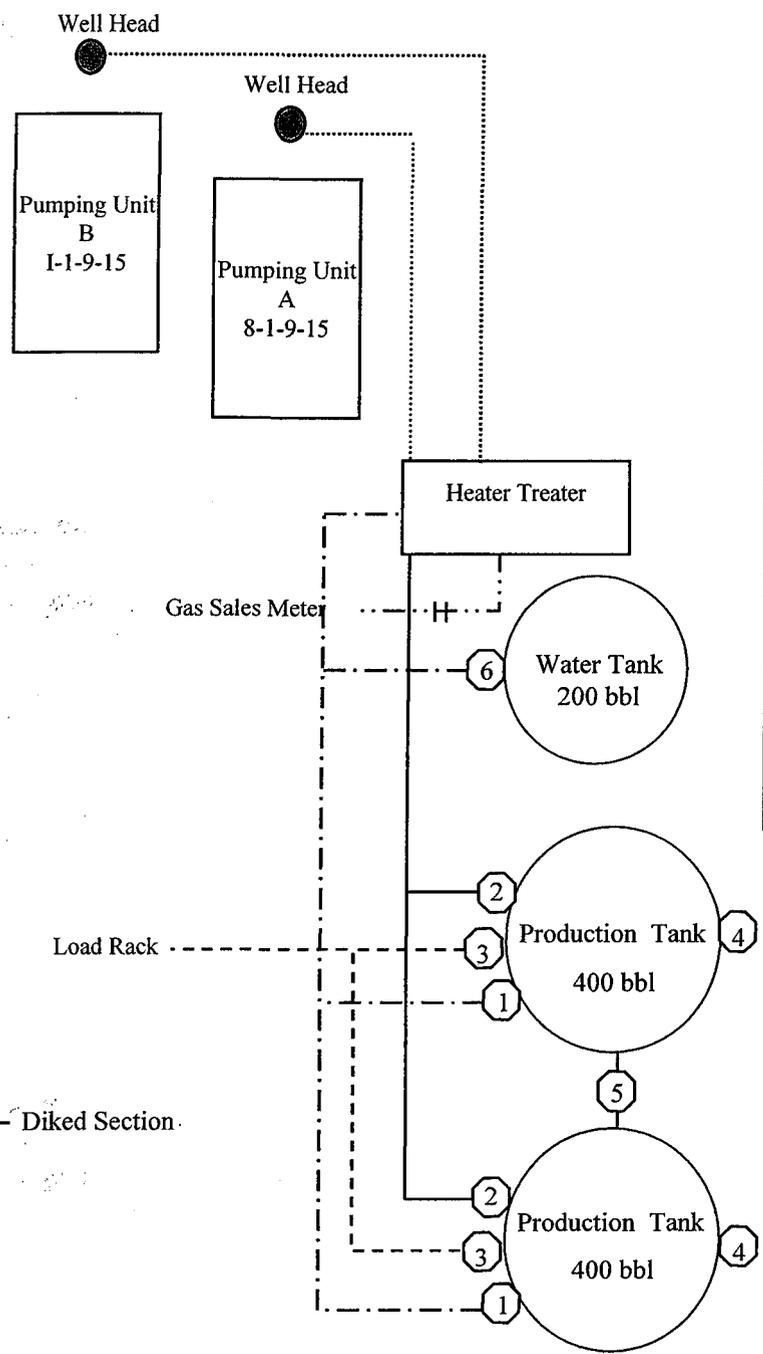


SURVEYED BY: K.G.S.	DATE SURVEYED: 05-31-07
DRAWN BY: T.C.J.	DATE DRAWN: 07-05-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-06-07

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Newfield Production Company Proposed Site Facility Diagram

Ashley Federal I-1-9-15  
 From the 8-1-9-15 Location  
 SE/NE Sec. 1 T9S, R15E  
 Duchesne County, Utah  
 UTU-74826

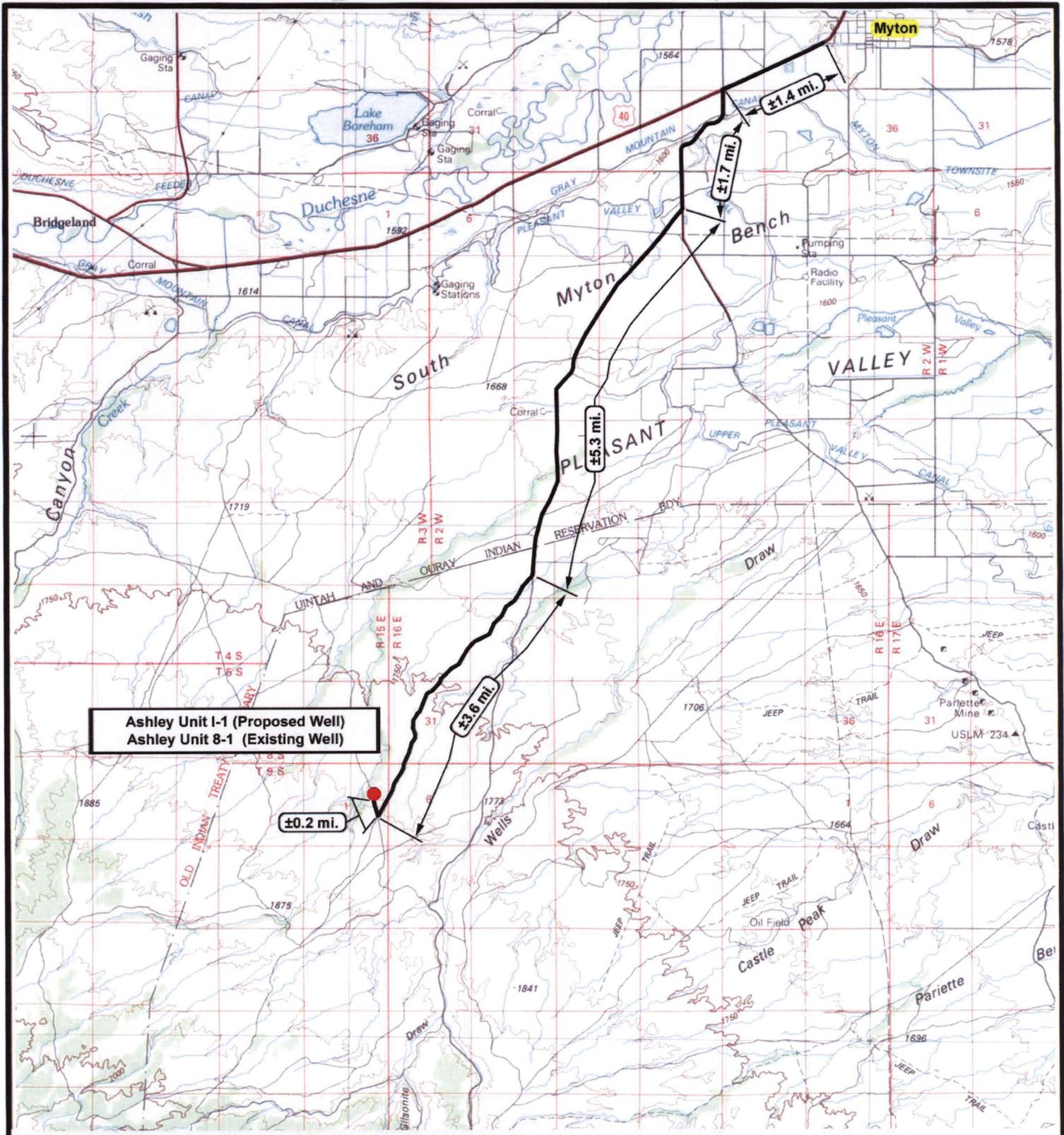


Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
  - 2) Valves 2, 5, and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
  - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open

**Legend**

Emulsion Line	.....
Load Rack	-----
Water Line	-----
Gas Sales	.....
Oil Line	—————



**Ashley Unit I-1 (Proposed Well)**  
**Ashley Unit 8-1 (Existing Well)**

  
**NEWFIELD**  
 Exploration Company

---

**Ashley Unit I-1-9-15 (Proposed Well)**  
**Ashley Unit 8-1-9-15 (Existing Well)**  
 Pad Location: SENE SEC. 1, T9S, R15E, S.L.B.&M.



  
**Tri-State**  
 Land Surveying Inc.  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

---

SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 07-13-2007

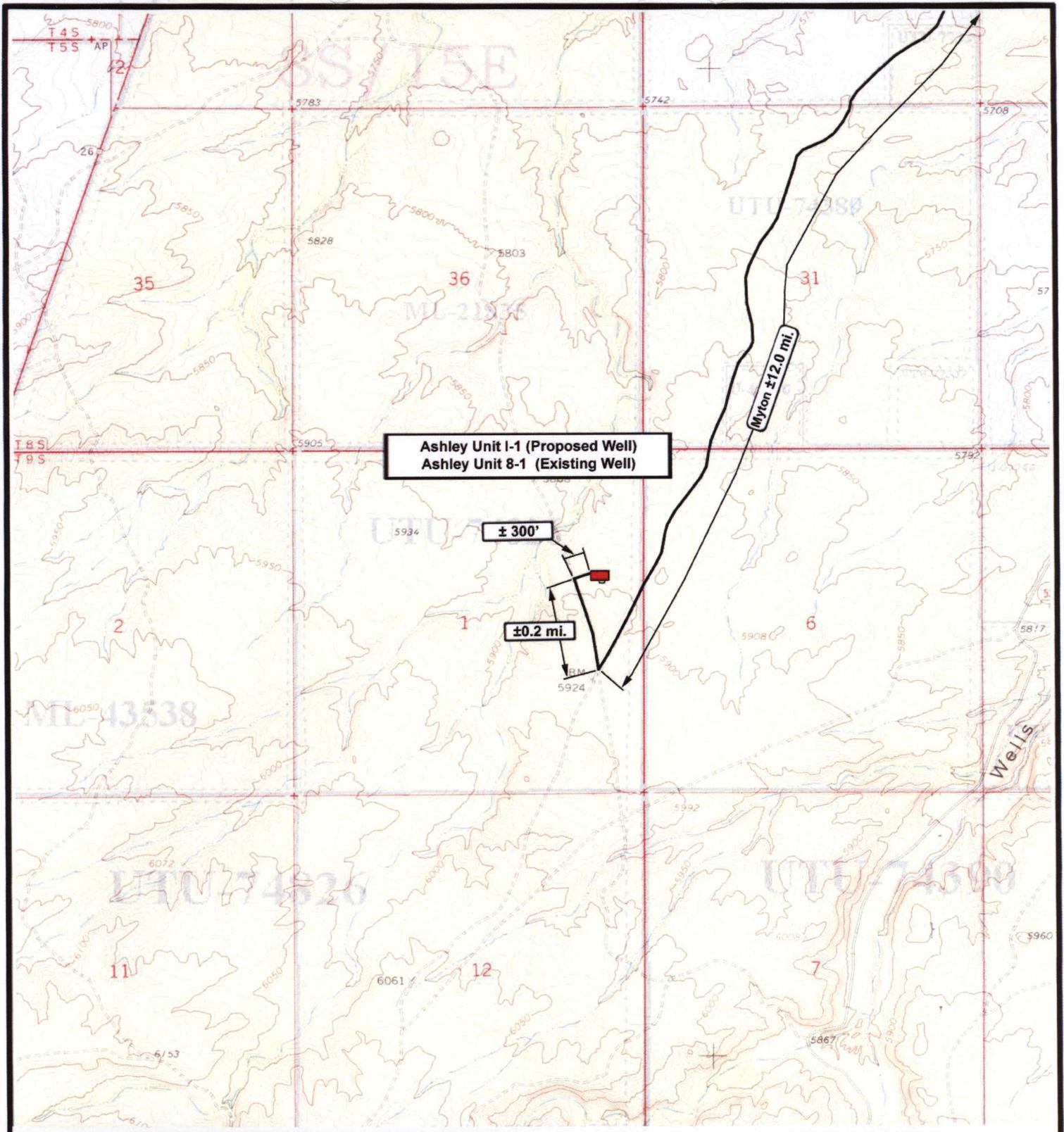
**Legend**

---

 Existing Road

---

**TOPOGRAPHIC MAP**  
"A"



**NEWFIELD**  
Exploration Company

**Ashley Unit I-1-9-15 (Proposed Well)**  
**Ashley Unit 8-1-9-15 (Existing Well)**  
 Pad Location: SENE SEC. 1, T9S, R15E, S.L.B.&M.



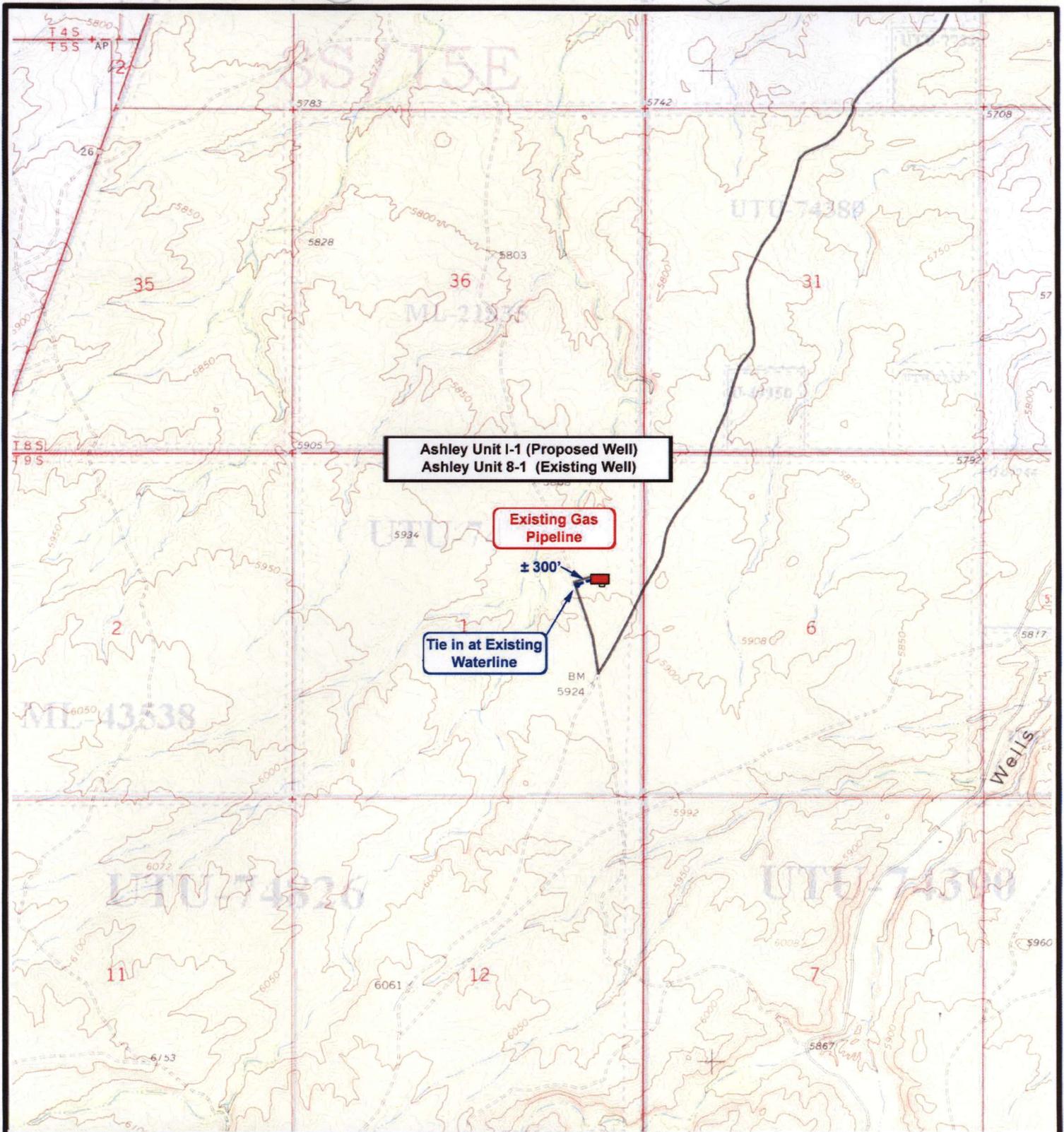
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'  
 DRAWN BY: mw  
 DATE: 07-13-2007

**Legend**

Existing Road

TOPOGRAPHIC MAP  
**"B"**



**Ashley Unit I-1 (Proposed Well)  
Ashley Unit 8-1 (Existing Well)**

**Existing Gas Pipeline**

± 300'

**Tie in at Existing Waterline**



**NEWFIELD**  
Exploration Company

**Ashley Unit I-1-9-15 (Proposed Well)  
Ashley Unit 8-1-9-15 (Existing Well)**  
Pad Location: SENE SEC. 1, T9S, R15E, S.L.B.&M.




**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

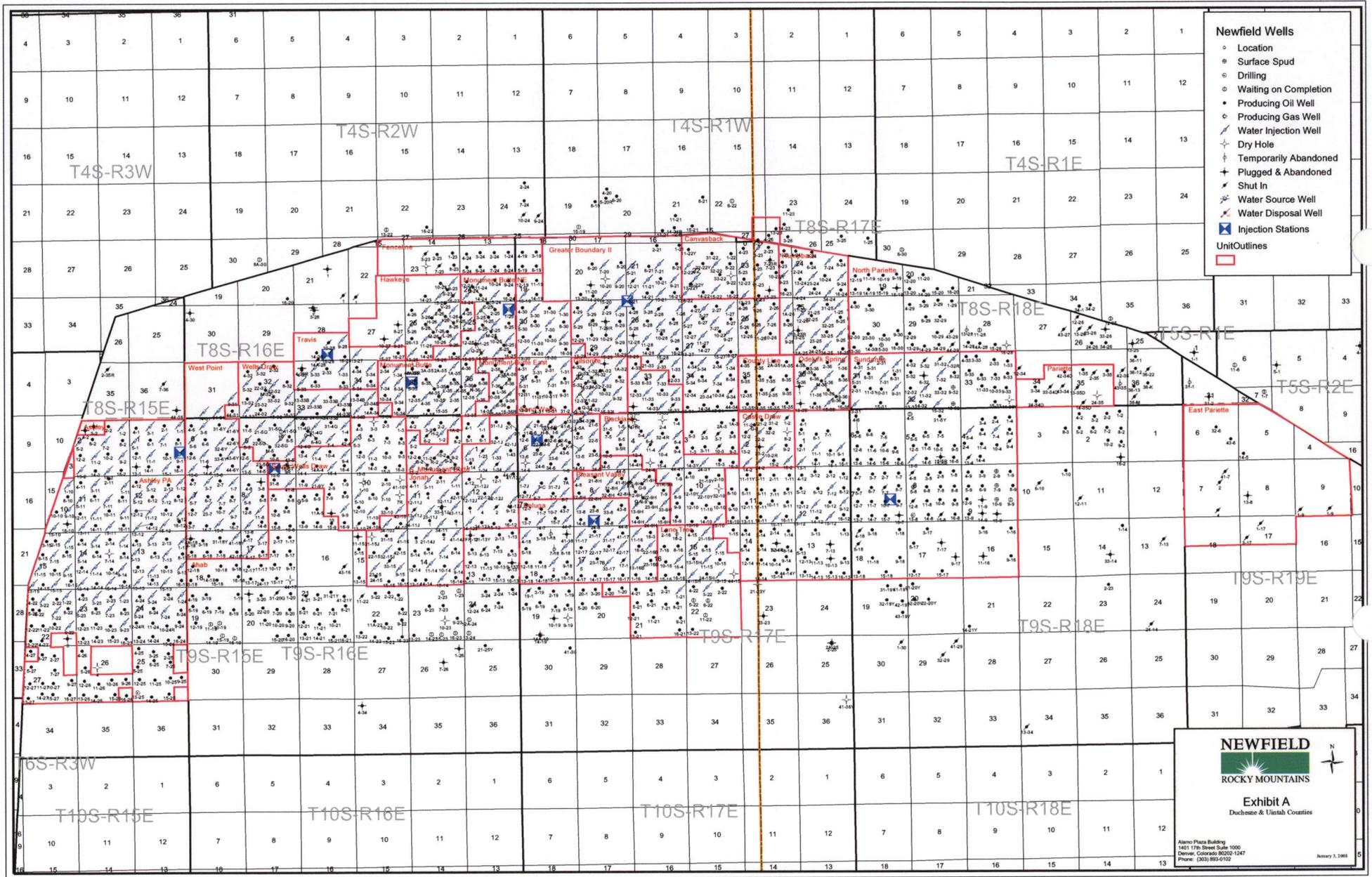
SCALE: 1" = 2000'  
DRAWN BY: mw  
DATE: 12-06-2007

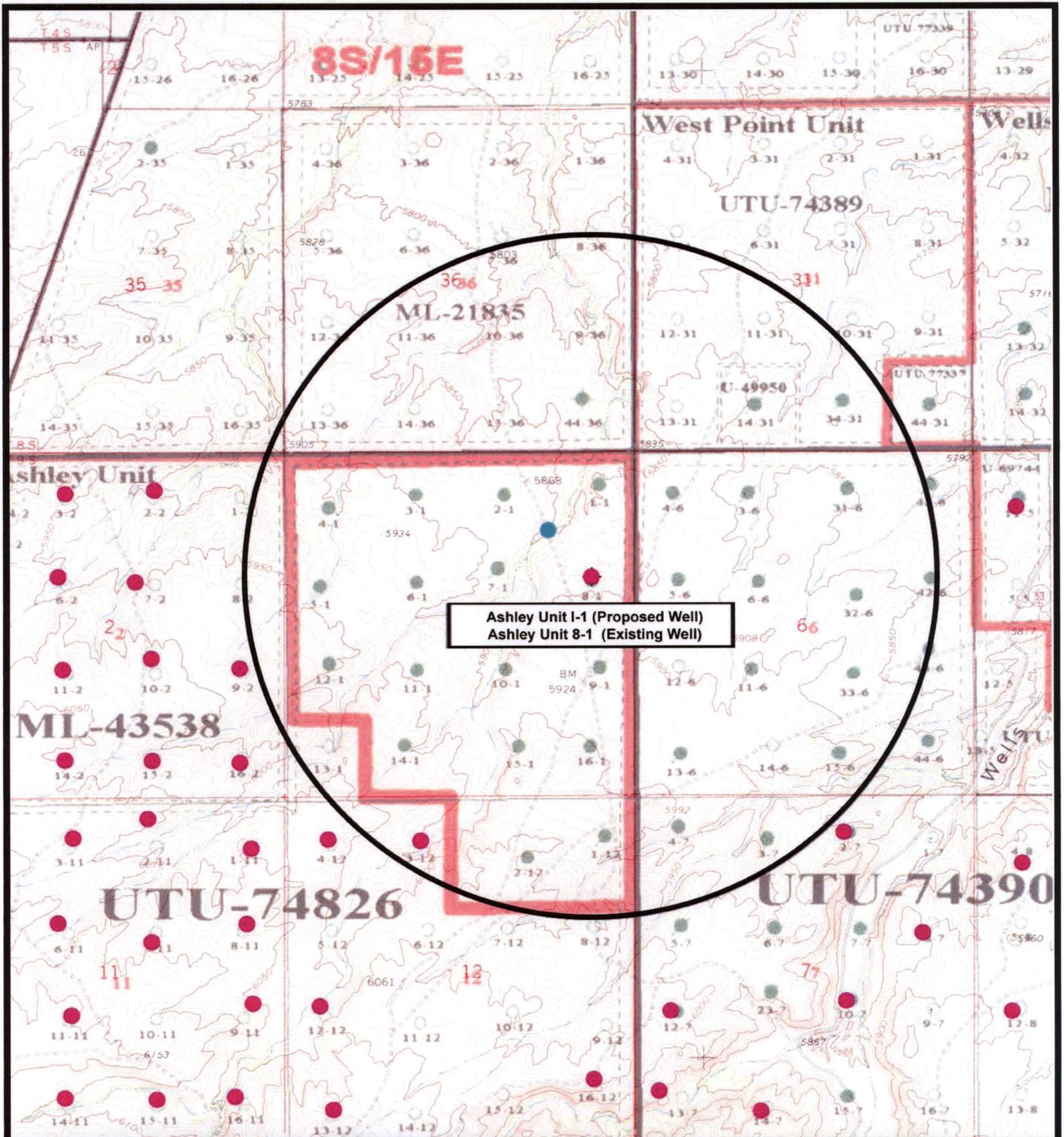
**Legend**

-  Roads
-  Proposed Water Line

**TOPOGRAPHIC MAP**

**"C"**





Ashley Unit I-1 (Proposed Well)  
 Ashley Unit 8-1 (Existing Well)



**Ashley Unit I-1-9-15 (Proposed Well)**  
**Ashley Unit 8-1-9-15 (Existing Well)**  
 Pad Location: SENE SEC. 1, T9S, R15E, S.L.B.&M.



**Tri-State**  
*Land Surveying Inc.*  
 (435) 781-2501  
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
 DRAWN BY: mw  
 DATE: 07-13-2007

**Legend**

- Pad Location
- Bottom Hole Location
- One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

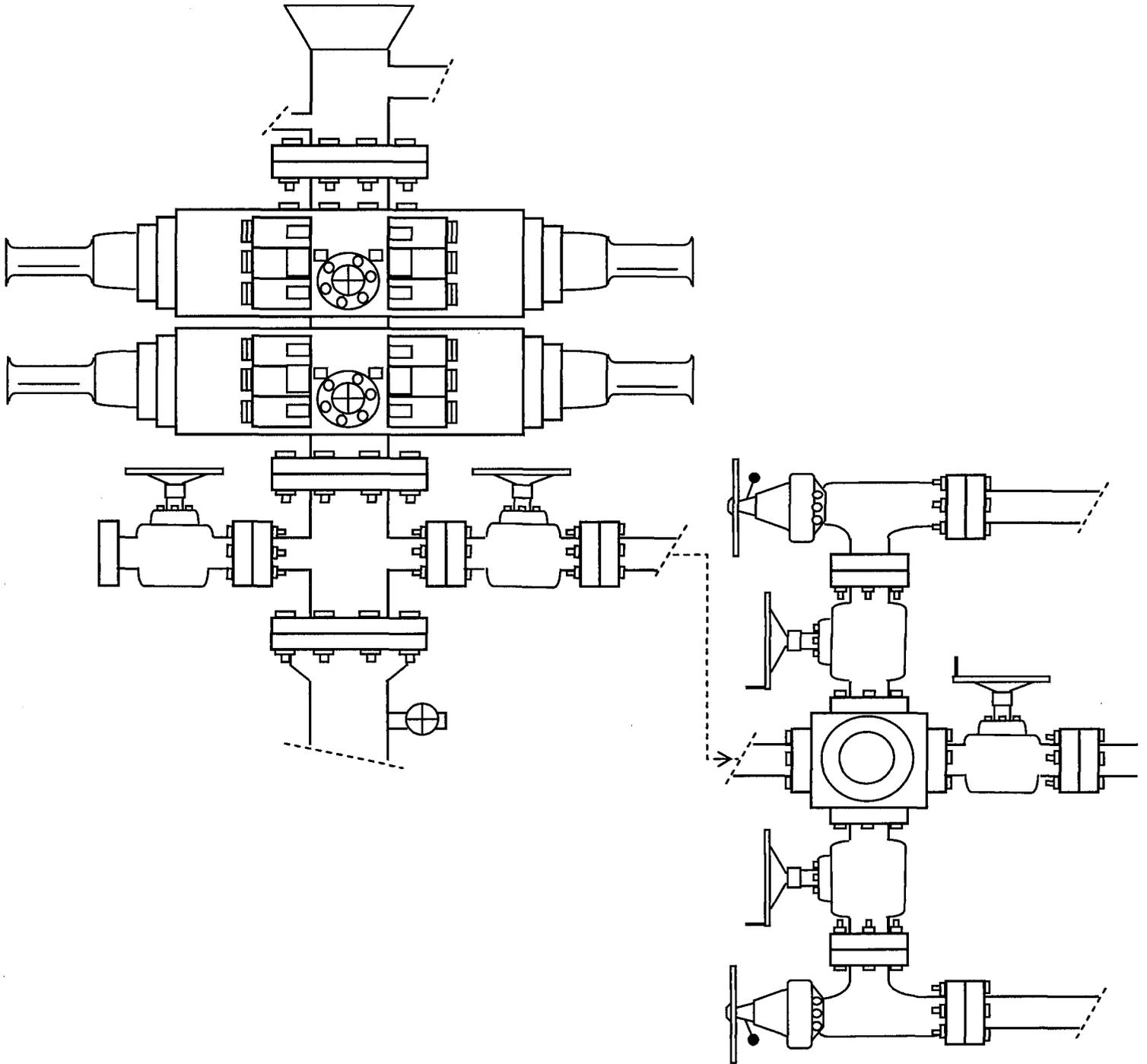


EXHIBIT C

**CULTURAL RESOURCE EVALUATION  
OF SEVEN PROPOSED WELL LOCATIONS WITH  
ASSOCIATED ROAD CORRIDORS  
IN THE WELLS DRAW LOCALITY  
OF DUCHESNE COUNTY, UTAH**

Report Prepared for **Inland Production Company**  
North Ashley Units 1-1, 2-1, 8-1, 9-1, 10-1, 15-1, & 16-1

Dept. of Interior Permit No.: UT-97-54937  
AERC Project (1557) (IPC-97-1)

Utah State Project No.: UT-97-AF-0022b

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
Bountiful, Utah 84011-0853

March 24, 1997

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/04/2008

API NO. ASSIGNED: 43-013-33901

WELL NAME: ASHLEY FED I-1-9-15  
 OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENE 01 090S 150E  
 SURFACE: 1965 FNL 0643 FEL  
 BOTTOM: 1235 FNL 1260 FEL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.06185 LONGITUDE: -110.1727  
 UTM SURF EASTINGS: 570560 NORTHINGS: 4434740  
 FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: UTU-74826  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-10136 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

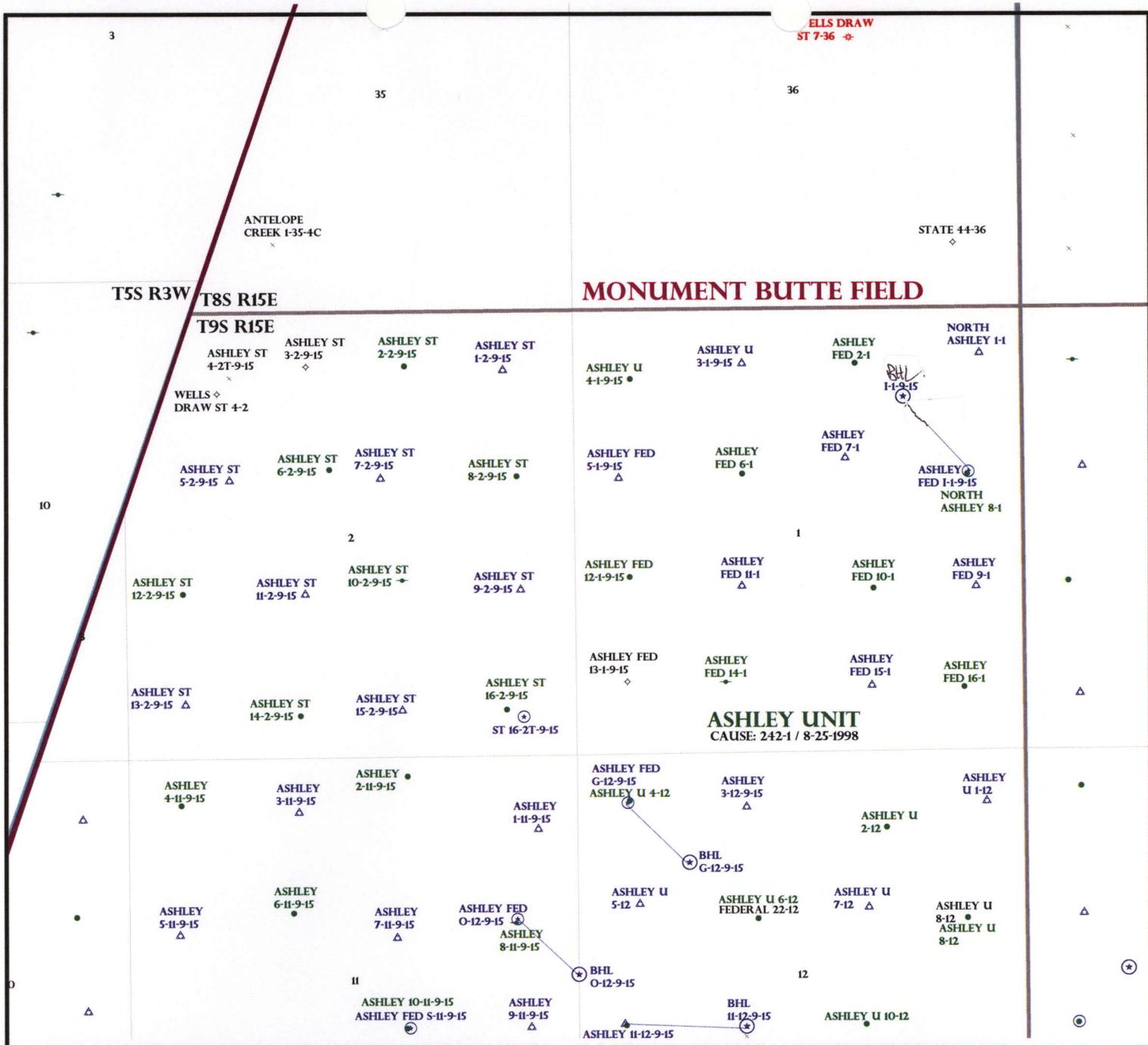
- R649-2-3.
- Unit: ASHLEY
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 5421
- Eff Date: 2-25-1998
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

COMMENTS:

Sep. Separate file

STIPULATIONS:

1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 1 T.9S R. 15E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 242-1 / 8-25-1998

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 11-FEBRUARY-2008



43-017-33901

February 12, 2008

State of Utah, Division of Oil, Gas and Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
**Ashley Federal I-1-9-15**  
Ashley Unit  
UTU-73520X  
Surface Hole: T9S R15E, Section 1: SE/4NE/4  
1965' FNL 643' FEL  
At Target: T9S R15E, Section 1  
1235' FNL 1260' FEL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated January 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the Ashley Federal Unit UTU-73520X. Newfield certifies that it is the Ashley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Ashley Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

  
Roxann Eveland  
Land Associate

RECEIVED  
FEB 19 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
**UTU-74826**

6. If Indian, Allottee or Tribe Name  
**N/A**

1a. Type of Work:  DRILL  REENTER

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

7. If Unit or CA Agreement, Name and No.  
**Ashley PA AB**

8. Lease Name and Well No.  
**Ashley Federal I-1-9-15**

9. API Well No.

2. Name of Operator  
**Newfield Production Company**

3a. Address  
**Route #3 Box 3630, Myton UT 84052**

3b. Phone No. (include area code)  
**(435) 646-3721**

10. Field and Pool, or Exploratory  
**Monument Butte**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface **SE/NE 1965' FNL 643' FEL**

At proposed prod. zone At Target: **1235' FNL 1260' FEL BHL: 1064' FNL 1404' FEL**

11. Sec., T., R., M., or Blk. and Survey or Area  
**Sec. 1, T9S R15E**

14. Distance in miles and direction from nearest town or post office\*  
**Approximatley 12.3 miles southwest of Myton, Utah**

12. County or Parish  
**Duchesne**

13. State  
**UT**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **Approx. 1260' W/SE, 1260' E/unit**

16. No. of Acres in lease  
**2,189.98**

17. Spacing Unit dedicated to this well  
**20 Acres**

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. **Approx. 1345'**

19. Proposed Depth  
**6300'**

20. BLM/BIA Bond No. on file  
**WYB000493**

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
**5881' GL**

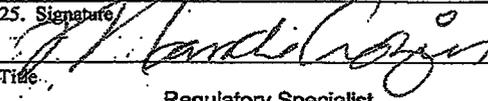
22. Approximate date work will start\*  
**2nd Quarter 2008**

23. Estimated duration  
**Approximately seven (7) days from spud to rig release.**

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature:  Name (Printed/Typed): **Mandie Crozier** Date: **1/14/08**

Title: **Regulatory Specialist**

Approved by (Signature): \_\_\_\_\_ Name (Printed/Typed): \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_ Office: \_\_\_\_\_

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

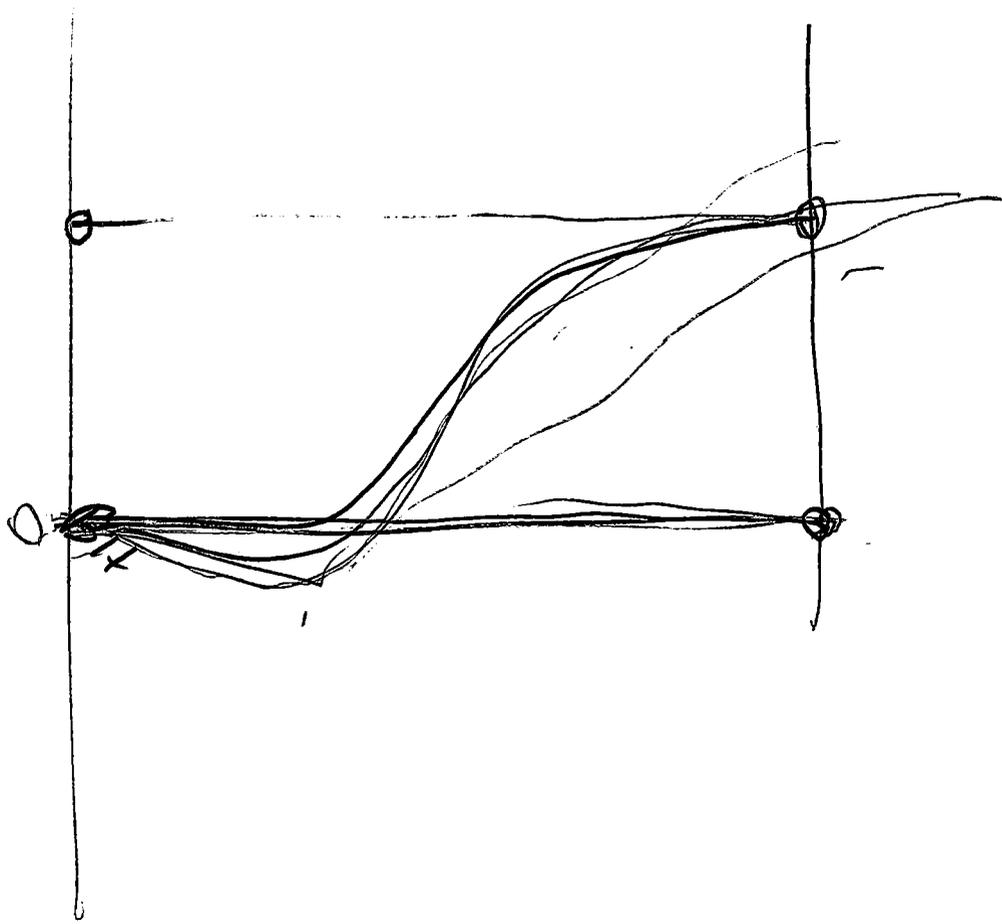
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

1. \_\_\_\_\_

2. \_\_\_\_\_

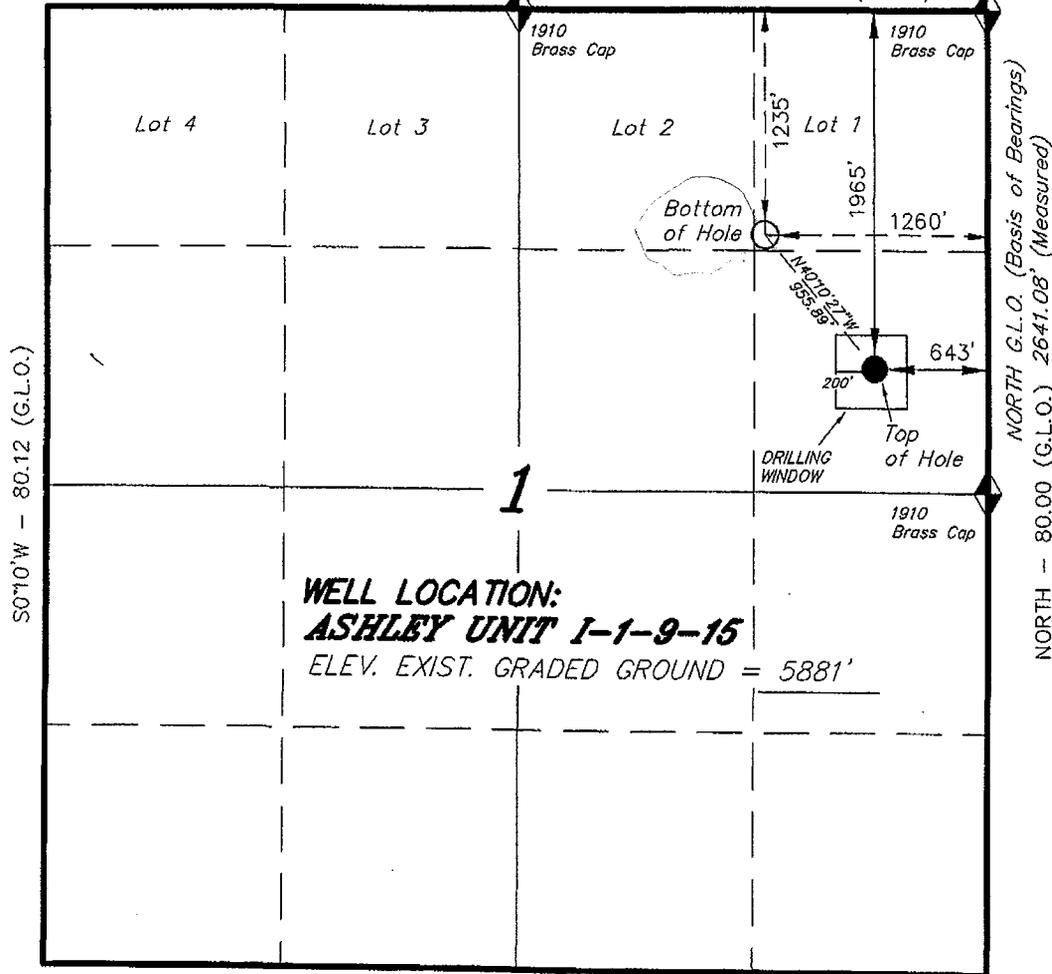
RECEIVED  
FEB 19 2008  
DIV. OF OIL, GAS & MINING



# T9S, R15E, S.L.B.&M.

WEST (G.L.O.)

N89°56'48"W - 2640.95' (Meas.)



**WELL LOCATION:**  
**ASHLEY UNIT 1-1-9-15**  
 ELEV. EXIST. GRADED GROUND = 5881'

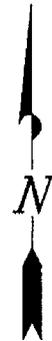
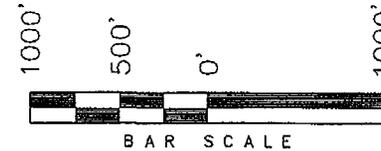
S0°10'W - 80.12 (G.L.O.)

NORTH G.L.O. (Basis of Bearings)  
 NORTH - 80.00 (G.L.O.) 2641.08' (Measured)

S89°57'W - 80.20 (G.L.O.)

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, **ASHLEY UNIT 1-1-9-15**,  
 LOCATED AS SHOWN IN THE SE 1/4 NE  
 1/4 OF SECTION 1, T9S, R15E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
 MADE BY ME OR UNDER MY SUPERVISION AND THAT  
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
 MY KNOWLEDGE AND BELIEF No. 189377

REGISTERED LAND SURVEYOR  
 STACY W. STEWART  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

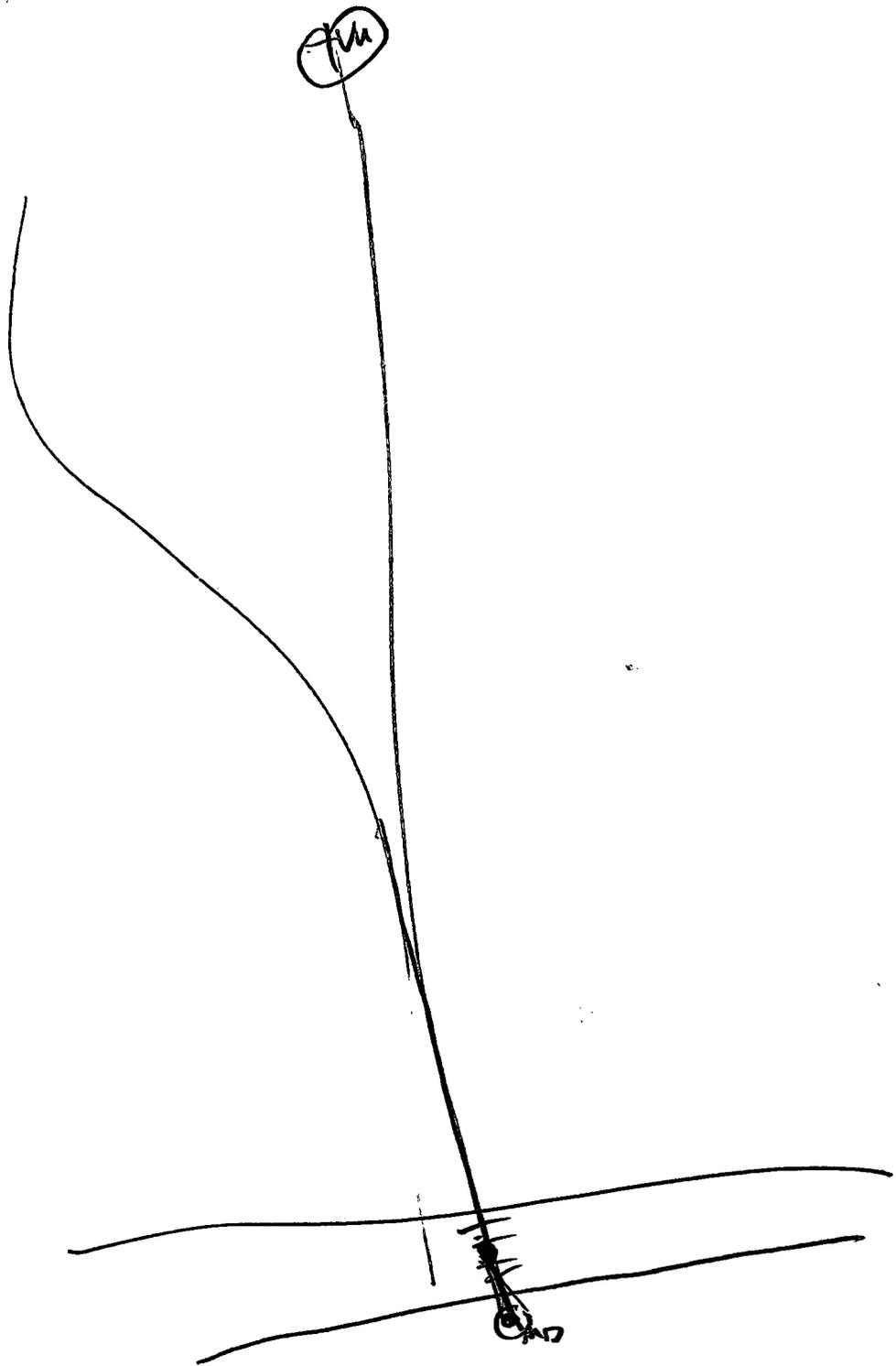
BASIS OF ELEV;  
 U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**ASHLEY UNIT 1-1-9-15**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 03' 42.51"  
 LONGITUDE = 110° 10' 24.01"

### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
 (435) 781-2501

DATE SURVEYED: 05-31-07	SURVEYED BY: K.G.S.
DATE DRAWN: 07-05-07	DRAWN BY: T.C.J.
REVISED: 01-31-08 L.C.S.	SCALE: 1" = 1000'



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 2, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2008 within the Ashley Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
	(Proposed PZ Green River)	
43-013-33901	Ashley Fed I-1-9-15 Sec 01	T09S R15E 1965 FNL 0643 FEL BHL Sec 01 T09S R15E 1064 FNL 1404 FEL

We have no objections to permitting the well so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:6-2-08



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil, Gas and Mining**

JOHN R. BAZA  
Division Director

June 2, 2008

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal I-1-9-15 Well, Surface Location 1965' FNL, 643' FEL, SE NE, Sec. 1,  
T. 9 South, R. 15 East, Bottom Location 1235' FNL, 1260' FEL, NE NE, Sec. 1,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33901.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company  
Well Name & Number Ashley Federal I-1-9-15  
API Number: 43-013-33901  
Lease: UTU-74826

Surface Location: SE NE                      Sec. 1                      T. 9 South                      R. 15 East  
Bottom Location: NE NE                      Sec. 1                      T. 9 South                      R. 15 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281    (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED

FEB - 4 2008

RECEIVED  
VERNAL FIELD OFFICE

2009 FEB 15 PM 12:24

Form 3160-3  
(September 2001)

BLM

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MGMT.

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74826	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Ashley PA AB	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Ashley Federal I-1-9-15	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33901	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 1965' FNL 643' FEL At proposed prod. zone 1064' FNL 1404' FEL		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 12.3 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R15E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1064' f/lse, 1064' f/unit		12. County or Parish Duchesne	
16. No. of Acres in lease 2,189.98		13. State UT	
17. Spacing Unit dedicated to this well 20 Acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1345'	
19. Proposed Depth 6300'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5881' GL		22. Approximate date work will start* 2nd Quarter 2008	
23. Estimated duration Approximately seven (7) days from spud to rig release.		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/14/08
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Jesse Kucera	Date FEB 05 2009
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

UDOGM

NOTICE OF APPROVAL

RECEIVED  
FEB 10 2009

DIV. OF OIL, GAS & MINING

N05 12/12/07  
08.PP0274A



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

<b>Company:</b>	<b>Newfield Production Company</b>	<b>Location:</b>	<b>SENE, Sec. 1, T9S, R15E (S) NWNE, Sec. 1, T9S, R15E(B)</b>
<b>Well No:</b>	<b>Ashley Federal I-1-9-15</b>	<b>Lease No:</b>	<b>UTU-74826</b>
<b>API No:</b>	<b>43-013-33901</b>	<b>Agreement:</b>	<b>Ashley Unit</b>

<b>Title</b>	<b>Name</b>	<b>Office Phone Number</b>	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

**Fax: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**SITE SPECIFIC COAs:**

**CONDITIONS OF APPROVAL:**

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

**Raptors**

Areas where surface disturbance will take place have been identified as habitat for ferruginous hawks and golden eagles. Two inactive ferruginous hawk nests located within Township 9 South, Range 15 East lie within 0.5 mile southeast of the proposed well Ashley Federal K-15-9-15, three more ferruginous hawk nests are located within 0.5 mile of Ashley Federal R-15-9-15, and one ferruginous hawk nest is located within 0.5 mile of Ashley D-22-9-15. In order to minimize disturbance to ferruginous hawk nesting, Newfield has agreed to engage in no surface activities, construction, drilling, or completion operations from March 1 to August 1.

Additional nests are located within 0.5 mile of wells Ashley Federal P-12-9-15, N-14-9-15, D-22-9-15, and L-15-9-15, but due to the advanced state of deterioration of the nests, no timing stipulations will be applied.

Newfield will prevent adverse impacts to active raptor nests during the breeding season by adhering to the temporal and spatial limitations. If new construction or surface-disturbing activities are scheduled during the breeding season for raptors, a BLM approved biologist acceptable to the BLM will conduct a presence/absence survey using scientifically accepted survey protocols. Construction and drilling activities will not occur within 0.5 mile of an active nest. If the nests are determined to be inactive, then this applicant committed measure can be waived by the authorized officer.

**Interim and Final Reclamation**

Reclamation Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, and trash. Any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1. The reserve pit and the portion of the well not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, or as soon as environmental conditions allow. The stockpiled pit topsoil will then be spread over the pit area. Seeding shall be implemented in the fall only, between August 15 and December 15. The seed shall be drilled wherever possible. If the seed is aerially broadcasted, then the seed shall be covered immediately (crimped into the topsoil with a bulldozer or other heavy equipment). *Forage Kochia shall be applied to the surface and not covered.* If initial seeding is not successful, reseeding may be required.

**Interim and Final Seed mix for well K-15-9-15:**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Siberian Wheatgrass	<i>Agropyron fragile</i>	1.0	¼ - ½"
Squirrel tail	<i>Elymus elymoides</i>	3.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅙ - ¼"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"

**Interim and Final Seed for wells P-12-9-15, I-15-9-15, D-22-9-15, I-1-9-15.**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	5.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Forage Kochia	<i>Kochia prostrate</i>	0.25	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	0.5	½"
Crested Wheatgrass	<i>Agropyron cristatum</i>	5.0	½"

**Interim and Final Seed mix for wells: R-15-9-15, H-15-9-15, N-14-9-15, W-1-9-15, Q-15-9-15, L-15-9-15**

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirrel tail	<i>Elymus elymoides</i>	6.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	1.0	½"
Forage Kochia	<i>Kochia prostrate</i>	0.2	½"
Gardner Saltbush	<i>Atriplex gardneri</i>	1.0	½"
Scarlet	<i>Sphaeralcea</i>	0.2	½"

Globemallow	<i>coccinea</i>		
Fourwing Saltbush	<i>Atriplex canescens</i>	1.0	1/2"
Siberian Wheatgrass	<i>Agropyron fragile</i>	2.0	1/2"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

**Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. *Final seed mix:* same as interim unless otherwise instructed.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- **Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:**

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$ / $\frac{1}{4}$ , Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> ASHLEY
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED I-1-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013339010000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1965 FNL 0643 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 01 Township: 09.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/26/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

Newfield Production Company requests to extend the APD for this well for one more year.

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** May 27, 2009

**By:**

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/26/2009	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013339010000**

**API:** 43013339010000

**Well Name:** ASHLEY FED I-1-9-15

**Location:** 1965 FNL 0643 FEL QTR SENE SEC 01 TWP 090S RNG 150E MER S

**Company Permit Issued to:** NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 6/2/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

**Date:** 5/26/2009

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** May 27, 2009

**By:** 

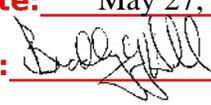
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> ASHLEY
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> ASHLEY FED I-1-9-15
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013339010000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1965 FNL 0643 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 01 Township: 09.0S Range: 15.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/26/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 Newfield Production Company requests to extend the APD for this well for one more year.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: May 27, 2009  
 By: 

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/26/2009	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43013339010000**

**API:** 43013339010000

**Well Name:** ASHLEY FED I-1-9-15

**Location:** 1965 FNL 0643 FEL QTR SENE SEC 01 TWP 090S RNG 150E MER S

**Company Permit Issued to:** NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 6/2/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes  No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
- Has the approved source of water for drilling changed?  Yes  No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?  Yes  No
- Is bonding still in place, which covers this proposed well?  Yes  No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mandie Crozier

**Date:** 5/26/2009

**Title:** Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

**Date:** May 27, 2009

**By:** 

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig #  
29 Submitted By Don Bastian Phone  
Number 435-823-6012  
Well Name/Number Ashley Federal I-1-9-15  
Qtr/Qtr SE/NE Section 1 Township 9S Range 15E\_\_\_\_\_  
Lease Serial Number UTU-  
74826  
API Number 43-013-33901

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 6/5/09 9:00 AM  PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 6/5/09 3:00 AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time \_\_\_\_\_ AM  PM

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3630  
 MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419 ✓	4301333901	ASHLEY FEDERAL I-1-9-15	SENE NESE	1	9S	15E	DUCHESNE	6/6/2009	6/30/09
WELL 1 COMMENTS: <i>GRRU</i> <i>BHL = NENE</i>											
B	99999	12419 ✓	4301333985	ASHLEY FEDERAL W-1-9-15	SESW	1	9S	15E	DUCHESNE	6/4/2009	6/30/09
WELL 2 COMMENTS: <i>GRRU</i> <i>BHL = SWSE</i>											
A	99999	17324	4301333453	FEDERAL 2-30-9-16	NWNE	30	9S	16E	DUCHESNE	6/8/2009	6/30/09
WELL 3 COMMENTS: <i>GRRU</i>											
B	99999	12276 ✓	4301333977	WELLS DRAW FEDERAL P-34-8-16	SESE	34	8S	16E	DUCHESNE	6/5/2009	6/30/09
WELL 4 COMMENTS: <i>GRRU</i> <i>BHL = SWSW</i>											
A	99999	17325	4301333410	FEDERAL 1-28-9-16	NENE	28	9S	16E	DUCHESNE	6/1/2009	6/30/09
WELL 5 COMMENTS: <i>GRRU</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
WELL 6 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
  - B - well to existing entity (group or unit well)
  - C - from one existing entity to another existing entity
  - D - well from one existing entity to a new entity
  - E - other (explain in comments section)

RECEIVED

JUN 11 2009

DIV. OF OIL, GAS & MINING

*Jentri Park*  
 Signature  
 Jentri Park  
 Production Clerk  
 06/11/09  
 Date

NOTE: Use COMMENT section to explain why each Action Code was selected.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

3a. Address    Route 3 Box 3630  
                   Myton, UT 84052

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 1965 FNL 643 FEL  
 SENE Section 1 T9S R15E

5. Lease Serial No.  
 USA UTU-74826

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 ASHLEY PA AB

8. Well Name and No.  
 ASHLEY FEDERAL I-1-9-15

9. API Well No.  
 4301333901

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

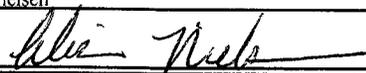
11. County or Parish, State  
 DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/6/09 MIRU Ross Rig # 29. Spud well @ 9:00 AM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 8 Jt's 8 5/8" J-55 24 # csgn. Set @ 325.70 KB On 6/8/09 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Alvin Nielsen Signature 	Title Drilling Foreman
	Date 06/11/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

JUN 15 2009





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-74826
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or ASHLEY PA AB
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1965 FNL 643 FEL  SENE Section 1 T9S R15E		8. Well Name and No. ASHLEY FEDERAL I-1-9-15
		9. API Well No. 4301333901
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____ Weekly Status Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/22/09 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6355'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 163 jt's of 5.5 J-55, 15.5# csgn. Set @ 6351.75' / KB. Cement with 250 sks cement mixed @ 11.0 ppg & 3.54 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 6 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 2:30 pm 6/28/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature  
*Don Bastian*

Title

Drilling Foreman

Date

06/29/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by .....

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**JUL 06 2009**

**DIV. OF OIL, GAS & MINING**





**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74826

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
ASHLEY PA AB

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
ASHLEY FEDERAL I-1-9-15

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301333901

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1965 FNL 643 FEL

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE, 1, T9S, R15E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

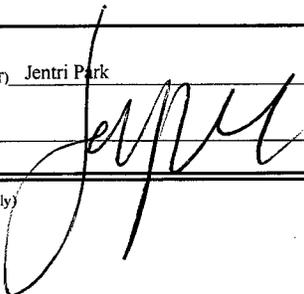
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/19/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 07/16/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE 

DATE 08/19/2009

(This space for State use only)

**RECEIVED**  
**AUG 24 2009**  
**DIV. OF OIL, GAS & MINING**

## Daily Activity Report

Format For Sundry

ASHLEY I-1-9-15

5/1/2009 To 9/30/2009

**7/7/2009 Day: 1**

**Completion**

Rigless on 7/7/2009 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6267' cement top @ 54'. Perforate stage #1. CP5 sds @ 624148' w/ 3 1/8" slick guns (19 gram, .49" EH, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 3 spf for total of 21 shots. 151 BWTR. SWIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$11,270

**7/14/2009 Day: 2**

**Completion**

Rigless on 7/14/2009 - Frac well. Flow well back. - Stage 1: RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds down casing w/ 29,730#'s of 20/40 sand in 435 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perf broke down @ 3993 psi back to 2667 psi @ 4 bpm w/ 5 bbls. ISIP was 2128 w/ .78FG. 1 min was 1686. 4 min was 1582. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2920 w/ ave rate of 26 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2623 w/ .86FG. 5 min was 2466. 10 min was 2367. 15 min was 2283. 435 Bbls EWTR. Leave pressure on well. - Stage 5: RU WLT. RIH w/ frac plug & 6',4',3' perf guns. Set plug @ 5170'. Perforate D3 sds @ 5072-78', D1 sds @ 4992-94' & 4966-68' w/ 3 spf for total of 30 shots. RU BJ & frac w/ 45,629#'s of 20/40 sand in 449 bbls of Lightning 17 frac fluid. Open well w/ 1745 psi on casing. Perf broke down @ 1819 psi no back to 1819 psi @ 3 bpm w/ 2 bbls. W/ .80FG. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2784 w/ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2151 w/ .87FG. 5 min was 2120. 10 min was 1914. 15 min was 1949. 2404 Bbls EWTR. Leave pressure on well - Stage 4: RU WLT. RIH w/ frac plug & 6',4',3' perf guns. Set plug @ 5370'. Perforate B2 sds @ 5298-5304', B1 sds @ 5238-42' & 5232-35' w/ 3 spf for total of 39 shots. RU BJ & frac w/ 96,407#'s of 20/40 sand in 733 bbls of Lightning 17 frac fluid. Open well w/ 1745 psi on casing. Perf broke down @ 2494 psi back to 1740 psi @ 4 bpm w/ 2 bbls. ISIP was 1745 w/ .77FG. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of w/ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2122 w/ .84FG. 5 min was 2115. 10 min was 2052. 15 min was 2009. 1955 Bbls EWTR. Leave pressure on well - Stage 6: RU WLT. RIH w/ frac plug & 6',6' perf guns. Set plug @ 4510'. Perforate GB4 sds @ 4404-10', 4391-97' w/ 3 spf for total of 36 shots. RU BJ & frac w/ 93,569#'s of 20/40 sand in 711 bbls of Lightning 17 frac fluid. Open well w/ 1565 psi on casing. Perf broke down @ 1628 psi back to 1610 psi @ 4 bpm w/ 2 bbls. W/ .81FG. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2447 w/ ave rate of 41 bpm w/ 8 ppg of sand. ISIP was 2250 w/ .95FG. 5 min was 2207. 10 min was 2127. 15 min was 2069. 3115 Bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 7 hours & rec'd 1300 bbls fluid. SIFN w/ 1815 bbls EWTR w/ 15,000#'s sand back. - Stage 2: RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 4', 3', 2', 2' perf guns. Set plug @ 6110'. Perforate CP3 sds @ 6012-16', CP2 sds @ 5947-50', CP.5 sds @ 5884-86', 5876-78' w/ 3-1/8" Slick Guns (16gram, .34"EH, 120°) w/ 3 spf for total of 33 shots. RU BJ & frac w/ 20,694#'s of 20/40 sand in 363 bbls of Lightning 17 frac fluid. Open well w/ 2065 psi on casing. Perf broke down @ 3575 psi back to 2090 psi @ 7 bpm w/ 5 bbls. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2886 w/ ave rate of 41 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage.

ISIP was 1970 w/ .77FG. Pressure to low. 798 Bbls EWTR. Leave pressure on well. - Stage 3: RU WLT. RIH w/ frac plug & 3', 6' perf guns. Set plug @ 5640'. Perforate LODC sd @ 5534-40', A3 sds @ 5442-45' w/ 3 spf for total of 27 shots. RU BJ & frac w/ 40705#'s of 20/40 sand in 424 bbls of Lightning 17 frac fluid. Open well w/ 1750 psi on casing. Perf broke down @ 2879 psi back to 1906 psi @ 4 bpm w/ 2 bbls. ISIP was 1756 w/ .76FG. Pressure to low. Pump 30 gals of Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2531 w/ ave rate of 32 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2176 w/ .84FG. 5 min was 2060. 10 min was 1976. 15 min was 1937. 1222 Bbls EWTR. Leave pressure on well

**Daily Cost:** \$0

**Cumulative Cost:** \$115,126

---

**7/15/2009 Day: 3**

**Completion**

WWS #3 on 7/15/2009 - Set kill plug. - MIRUSU. Open well w/ 1100 psi on casing. RU PSI WLT & pack-off. RIH w/ Weatherford 5-1/2" (6K) solid composite plug. Set plug @ 4280'. RD WLT. RD Cameron BOP's & frac head. Instal production tbg head. PU 4-3/4" used Chomp mill & x-over sub. Tally pick-up, new J-55, 6.5#, 2-7/8" tbg off racks. Leave EOT @ 4251'. Circulate well clean. SIFN. 1770 bbl EWTR.

**Daily Cost:** \$0

**Cumulative Cost:** \$154,833

---

**7/16/2009 Day: 4**

**Completion**

WWS #3 on 7/16/2009 - Drilling plugs. - Open well w/ 800 psi on casing. RU swivel, pump & tanks. Drlg out kill plug in min. Continue circulate well to let well calm down (1.5 hours). TIH w/ tbg to tag plug @ 4420'. Drlg out plug #1. TIH w/ tbg to tag plug @ 5082'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5316'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5550'. Drlg out plug #4. TIH w/ tbg to tag plug @ 6018'. Swivel broke down. Vac truck hauling water out of pit to keep up w/ well flowing (4 loads x 215 bbls). RU new swivel. Drlg out plug #5. TIH w/ tbg to tag sand @ 6211'. C/O to PBSD @ 6337'. Lay down 3 jts tbg. Circulate well clean. Rec'd 410 bbls fluid (90 bbls wtr). EOT @ 6253'. 1270 bbls EWTR. SIFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$170,703

---

**7/17/2009 Day: 5**

**Completion**

WWS #3 on 7/17/2009 - Flow well clean-up. Kill well. Put well on pump. - Open well w/ 625 psi on casing. Flow well for 2 hours. Rec'd 220 bbls (25% oil cut). Pump 190 bbls 10# brine. TIH w/ tbg to tag no new sand. TOOH w/ tbg. LD Mill & x-over. TIH w/ Dull plug, 3 jts tbg, 2-7/8" nipple, PBGA, 1 jt tbg, SN 2 jts tbg, TA new Central Hydraulic w/ 45,000#'s shear, 192 jts tbg. RD BOP's. Set TA @ 6039' w/ 18,000#'s tension w/ SN @ 6073' & EOT @ 6206'. Flush tbg w/ 60 bbls brine water. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 20' x 24' new Central Hydraulic RHAC pump w/ 222"SL, new 4- 1-1/2" weight rods, new 238- 7/8" guided rods (8 per),, 1-1/2" x 30' polished rod. Space pump. Test tbg & pump to 800 psi. POP @ 6PM w/ 144"SL @ 5 SPM w/ 1195 bbls EWTR. Final Report. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$217,481

---

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. UTU-74826	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name NA	
2. Name of Operator NEWFIELD EXPLORATION COMPANY		7. Unit or CA Agreement Name and No. ASHLEY	
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202		8. Lease Name and Well No. ASHLEY FEDERAL I-1-9-15	
3a. Phone No. (include area code) (435)646-3721		9. AFI Well No. 43-013-33901	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1965' FNL & 643' FEL (SE/NE) SEC. 1, T9S, R15E  At top prod. interval reported below BHL: 1092' FNL & 1390 FEL (NW/NE)  At total depth 6355'		10. Field and Pool or Exploratory MONUMENT BUTTE	
14. Date Spudded 06/06/2009		11. Sec., T., R., M., on Block and Survey or Area SEC. 1, T9S, R15E	
15. Date T.D. Reached 06/28/2009		12. County or Parish DUCHESNE	
16. Date Completed 07/17/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State UT	
18. Total Depth: MD 6355' TVD 6231' 6232		17. Elevations (DF, RKB, RT, GL)* 5881' GL 5893' KB	
19. Plug Back T.D.: MD 6337' TVD 6214		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		325.70'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6351.75'		250 PRIMLITE		54'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6107'	TA @ 6043'						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP5) 6241-6248'	.49"	3	21
B) GREEN RIVER			(CP3)(CP2)(CP.5) see belo	.49"	3	33
C) GREEN RIVER			(LODC)5534-40(A3)5442-4	.49"	3	27
D) GREEN RIVER			(B2)(B1) see below	.49"	3	39

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6241-6248'	Frac w/ 29730# of 20/40 snd 435 bbls fluid
5876-6016'	Frac w/ 20,694#'s of sand in 363 bbls of fluid.
5534-5445'	Frac w/ 40705#'s of 20/40 sand in 424 bbls of Lightning 17 frac fluid.
5238-5304'	Frac w/ 96407# 20/40 snd 733 bbls fluid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/17/09	08/01/09	24	→	114	68	28			Central Hydraulic 2-1/2"x1-3/4"x20"x24' RHAC w/ 222"SL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED

AUG 24 2009

DIV. OF OIL, GAS & MINING

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3890' 4123'
				GARDEN GULCH 2 POINT 3	4238' 4513'
				X MRKR Y MRKR	4784' 4823'
				DOUGALS CREEK MRK BI CARBONATE MRK	4940' 5190'
				B LIMESTON MRK CASTLE PEAK	5317' 5846'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6300' 6351'

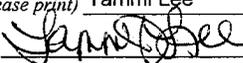
32. Additional remarks (include plugging procedure):

STAGE 2: Perforate CP3 sds @ 6012-16', CP2 sds @ 5947-50', CP.5 sds @ 5884-86', 5876-78'  
 STAGE 4: Perforate B2 sds @ 5298-5304', B1 sds @ 5238-42' & 5232-35' w/ 3 spf for total of 39 shots.  
 STAGE 5: Perforate D3 sds @ 5072-78', D1 sds @ 4992-94' & 4966-68' w/ 3 spf for total of 30 shots. RU BJ & frac w/ 45,629#'s of 20/40 sand in 449 bbls of Lightning 17 frac fluid.  
 Stage 6: Perforate GB4 sds @ 4404-10', 4391-97' w/ 3 spf for total of 36 shots. RU BJ & frac w/ 93,569#'s of 20/40 sand in 711 bbls of Lightning 17 frac fluid.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tammi Lee Title Production Clerk  
 Signature  Date 08/18/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# NEWFIELD



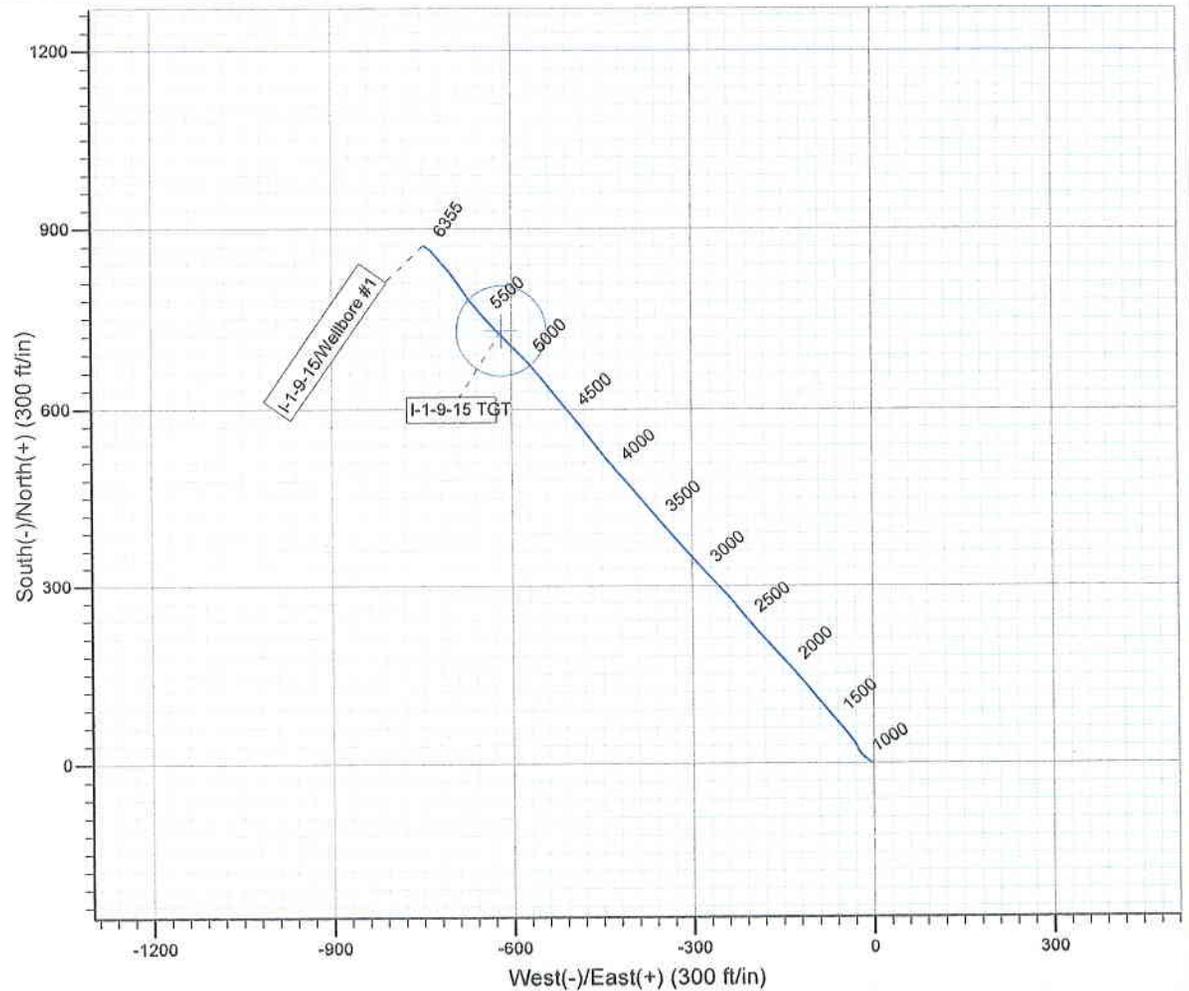
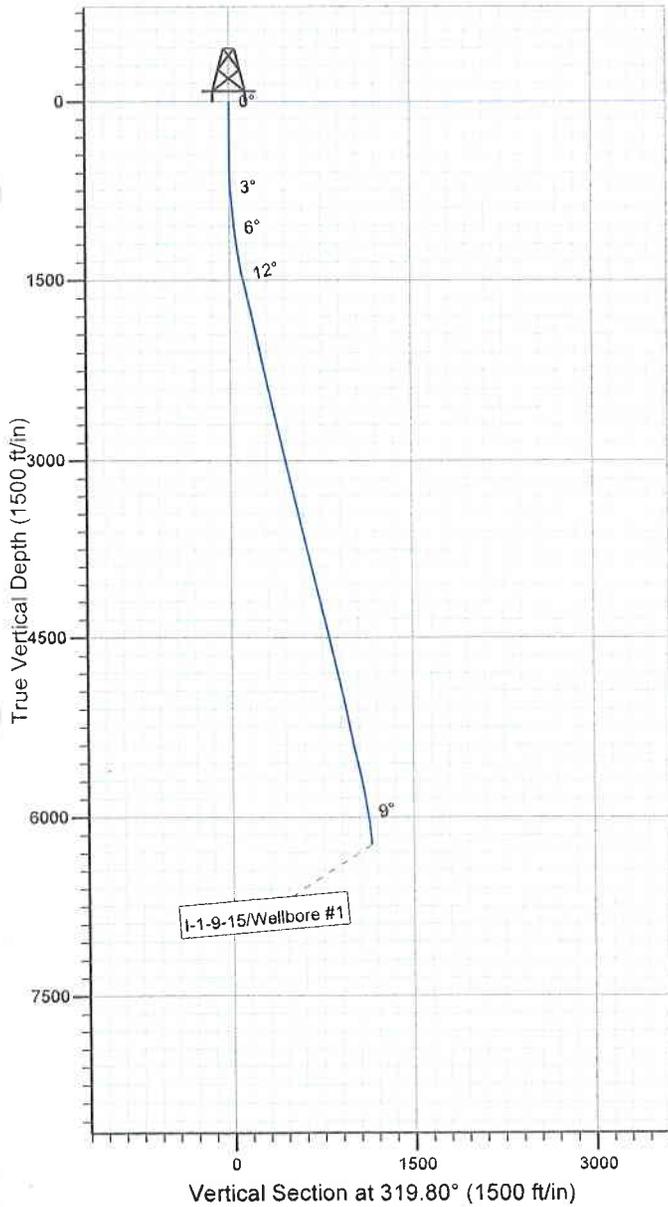
Project: USGS Myton SW (UT)  
Site: SECTION 1  
Well: I-1-9-15  
Wellbore: Wellbore #1  
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North  
Magnetic North: 11.61°

Magnetic Field  
Strength: 52490.5snT  
Dip Angle: 65.85°  
Date: 2009/06/04  
Model: IGRF200510



HATHAWAY <sup>HB</sup> BURNHAM  
DIRECTIONAL & MWD SERVICES

Design: Wellbore #1 (I-1-9-15/Wellbore #1)

Created By: *Tom Hudson* Date: 8:59, July 07 2009

THIS SURVEY IS CORRECT TO THE BEST OF MY  
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

**NEWFIELD**



# **NEWFIELD EXPLORATION**

**USGS Myton SW (UT)**

**SECTION 1**

**I-1-9-15**

**Wellbore #1**

**Design: Wellbore #1**

## **Standard Survey Report**

**07 July, 2009**

**HATHAWAY HB BURNHAM**  
DIRECTIONAL & MWD SERVICES



# HATHAWAY BURNHAM

## Survey Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 1  
 Well: I-1-9-15  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well I-1-9-15  
 TVD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 MD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

<b>Project</b>	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		Using geodetic scale factor

<b>Site</b>	SECTION 1, SEC 1 T9S R15E				
<b>Site Position:</b>		<b>Northing:</b>	7,193,438.05ft	<b>Latitude:</b>	40° 3' 37.338 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,009,700.00ft	<b>Longitude:</b>	110° 10' 50.033 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	"	<b>Grid Convergence:</b>	0.85 °

<b>Well</b>	I-1-9-15, SHL LAT: 40 03 42.51, LONG: -110 10 24.01					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	7,193,991.22 ft	<b>Latitude:</b>	40° 3' 42.510 N
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	2,011,715.20 ft	<b>Longitude:</b>	110° 10' 24.010 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	0.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF200510	2009/06/04	(°)	(°)	(nT)
			11.61	65.85	52,491

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	319.80	

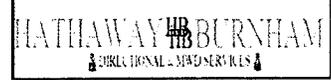
<b>Survey Program</b>	Date 2009/07/07				
<b>From</b>	<b>To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
(ft)	(ft)				
387.0	6,355.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
387.0	0.35	248.59	387.0	-0.4	-1.1	0.4	0.09	0.09	0.00
418.0	0.29	255.29	418.0	-0.5	-1.3	0.4	0.23	-0.19	21.61
449.0	0.20	241.47	449.0	-0.5	-1.4	0.5	0.35	-0.29	-44.58
480.0	0.26	252.96	480.0	-0.6	-1.5	0.5	0.24	0.19	37.06
510.0	0.26	233.45	510.0	-0.6	-1.6	0.6	0.29	0.00	-65.03
541.0	0.46	282.03	541.0	-0.7	-1.8	0.7	1.12	0.65	156.71
572.0	0.91	291.83	572.0	-0.5	-2.2	1.0	1.49	1.45	31.61
602.0	1.36	296.27	602.0	-0.3	-2.7	1.5	1.53	1.50	14.80
633.0	1.84	300.21	633.0	0.1	-3.5	2.3	1.59	1.55	12.71
663.0	2.40	306.94	663.0	0.7	-4.4	3.4	2.04	1.87	22.43
694.0	2.97	308.68	693.9	1.6	-5.5	4.8	1.86	1.84	5.61
724.0	3.52	306.37	723.9	2.7	-6.9	6.5	1.88	1.83	-7.70



# HATHAWAY BURNHAM

## Survey Report



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 1  
 Well: I-1-9-15  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well I-1-9-15  
 TVD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 MD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
755.0	4.11	309.67	754.8	3.9	-8.5	8.5	2.03	1.90	10.65
785.0	4.37	310.13	784.7	5.4	-10.2	10.7	0.87	0.87	1.53
816.0	4.79	307.98	815.6	6.9	-12.1	13.1	1.46	1.35	-6.94
847.0	5.21	309.36	846.5	8.6	-14.2	15.8	1.41	1.35	4.45
877.0	5.60	311.69	876.4	10.4	-16.4	18.5	1.49	1.30	7.77
908.0	5.78	317.27	907.2	12.6	-18.6	21.6	1.88	0.58	18.00
942.0	5.56	323.62	941.1	15.2	-20.7	25.0	1.95	-0.65	18.68
973.0	5.52	327.05	971.9	17.6	-22.4	27.9	1.08	-0.13	11.06
1,004.0	5.76	329.05	1,002.8	20.2	-24.0	30.9	1.00	0.77	6.45
1,036.0	5.89	331.49	1,034.6	23.0	-25.6	34.1	0.87	0.41	7.63
1,068.0	6.24	332.78	1,066.4	26.0	-27.2	37.4	1.17	1.09	4.03
1,100.0	6.66	331.16	1,098.2	29.2	-28.9	41.0	1.43	1.31	-5.06
1,131.0	7.06	329.96	1,129.0	32.4	-30.7	44.6	1.37	1.29	-3.87
1,163.0	7.43	327.77	1,160.7	35.9	-32.8	48.6	1.44	1.16	-6.84
1,194.0	8.00	326.19	1,191.5	39.4	-35.1	52.7	1.96	1.84	-5.10
1,226.0	8.55	324.74	1,223.1	43.2	-37.7	57.3	1.84	1.72	-4.53
1,257.0	8.92	322.13	1,253.8	46.9	-40.5	62.0	1.75	1.19	-8.42
1,289.0	9.58	320.13	1,285.3	50.9	-43.7	67.1	2.29	2.06	-6.25
1,321.0	10.09	319.32	1,316.9	55.1	-47.2	72.6	1.65	1.59	-2.53
1,353.0	10.55	319.97	1,348.4	59.5	-51.0	78.3	1.48	1.44	2.03
1,384.0	11.00	319.50	1,378.8	63.9	-54.7	84.1	1.48	1.45	-1.52
1,416.0	11.58	319.20	1,410.2	68.7	-58.8	90.4	1.82	1.81	-0.94
1,448.0	12.19	318.80	1,441.5	73.6	-63.1	97.0	1.92	1.91	-1.25
1,543.0	13.62	318.72	1,534.1	89.6	-77.1	118.2	1.51	1.51	-0.08
1,638.0	13.97	321.56	1,626.4	107.0	-91.6	140.8	0.80	0.37	2.99
1,733.0	13.82	322.73	1,718.6	125.0	-105.6	163.6	0.34	-0.16	1.23
1,828.0	12.39	318.63	1,811.1	141.7	-119.2	185.1	1.79	-1.51	-4.32
1,923.0	12.11	318.48	1,903.9	156.8	-132.6	205.3	0.30	-0.29	-0.16
2,018.0	12.00	317.56	1,996.8	171.5	-145.8	225.1	0.23	-0.12	-0.97
2,114.0	12.15	319.03	2,090.7	186.5	-159.2	245.2	0.36	0.16	1.53
2,210.0	12.61	316.77	2,184.5	201.8	-173.0	265.8	0.70	0.48	-2.35
2,304.0	13.07	317.62	2,276.1	217.1	-187.2	286.6	0.53	0.49	0.90
2,399.0	13.10	318.88	2,368.7	233.2	-201.5	308.1	0.30	0.03	1.33
2,494.0	12.66	322.02	2,461.3	249.5	-215.0	329.3	0.87	-0.46	3.31
2,589.0	12.96	323.38	2,553.9	266.2	-227.7	350.3	0.45	0.32	1.43
2,684.0	13.47	318.42	2,646.4	283.1	-241.4	372.0	1.31	0.54	-5.22
2,779.0	13.10	316.92	2,738.9	299.2	-256.1	393.8	0.53	-0.39	-1.58
2,874.0	12.13	316.37	2,831.6	314.3	-270.4	414.6	1.03	-1.02	-0.58
2,969.0	13.36	318.94	2,924.2	329.8	-284.5	435.5	1.43	1.29	2.71
3,064.0	13.75	320.30	3,016.6	346.7	-298.9	457.8	0.53	0.41	1.43
3,159.0	13.00	319.47	3,109.0	363.6	-313.1	479.7	0.81	-0.79	-0.87
3,254.0	13.05	318.17	3,201.6	379.7	-327.1	501.1	0.31	0.05	-1.37
3,349.0	12.88	318.79	3,294.1	395.6	-341.3	522.5	0.23	-0.18	0.65
3,444.0	13.45	322.37	3,386.6	412.3	-355.0	544.1	1.05	0.60	3.77
3,540.0	13.27	319.64	3,480.0	429.6	-369.0	566.3	0.68	-0.19	-2.84
3,635.0	13.16	319.49	3,572.5	446.1	-383.0	588.0	0.12	-0.12	-0.16
3,730.0	13.51	320.79	3,665.0	462.9	-397.1	609.9	0.49	0.37	1.37
3,825.0	13.32	318.48	3,757.4	479.7	-411.3	631.9	0.60	-0.20	-2.43
3,920.0	13.23	318.85	3,849.8	496.1	-425.8	653.7	0.13	-0.09	0.39
4,015.0	13.32	320.46	3,942.3	512.7	-439.9	675.5	0.40	0.09	1.69
4,110.0	12.90	322.24	4,034.8	529.5	-453.3	697.1	0.61	-0.44	1.87
4,205.0	13.25	323.56	4,127.4	546.7	-466.3	718.5	0.48	0.37	1.39
4,300.0	13.73	322.65	4,219.7	564.4	-479.6	740.7	0.55	0.51	-0.96
4,396.0	13.97	321.50	4,313.0	582.5	-493.7	763.6	0.38	0.25	-1.20



Company: NEWFIELD EXPLORATION  
 Project: USGS Myton SW (UT)  
 Site: SECTION 1  
 Well: I-1-9-15  
 Wellbore: Wellbore #1  
 Design: Wellbore #1

Local Co-ordinate Reference: Well I-1-9-15  
 TVD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 MD Reference: I-1-9-15 @ 5893.0ft (RIG #2)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,490.0	13.32	319.51	4,404.3	599.7	-507.8	785.8	0.85	-0.69	-2.12	
4,585.0	12.68	319.21	4,496.9	615.9	-521.7	807.2	0.68	-0.67	-0.32	
4,681.0	12.63	320.92	4,590.5	632.0	-535.2	828.2	0.39	-0.05	1.78	
4,775.0	13.69	321.34	4,682.1	648.7	-548.7	849.6	1.13	1.13	0.45	
4,870.0	13.43	319.51	4,774.4	665.8	-562.9	871.9	0.53	-0.27	-1.93	
4,965.0	12.95	316.39	4,866.9	681.9	-577.4	893.5	0.90	-0.51	-3.28	
5,060.0	12.47	314.97	4,959.6	696.9	-592.0	914.4	0.60	-0.51	-1.49	
5,155.0	12.04	314.83	5,052.4	711.1	-606.2	934.4	0.45	-0.45	-0.15	
5,250.0	11.32	315.18	5,145.5	724.7	-619.8	953.6	0.76	-0.76	0.37	
5,303.8	11.59	316.19	5,198.2	732.4	-627.3	964.3	0.63	0.50	1.89	
<b>I-1-9-15 TGT</b>										
5,345.0	11.80	316.94	5,238.5	738.4	-633.0	972.6	0.63	0.51	1.81	
5,440.0	11.32	317.62	5,331.6	752.4	-646.0	991.6	0.53	-0.51	0.72	
5,535.0	12.24	318.41	5,424.6	766.8	-658.9	1,011.0	0.98	0.97	0.83	
5,630.0	13.27	323.34	5,517.3	783.1	-672.1	1,032.0	1.58	1.08	5.19	
5,725.0	13.36	326.81	5,609.7	801.0	-684.6	1,053.7	0.85	0.09	3.65	
5,820.0	10.57	323.60	5,702.6	817.2	-695.8	1,073.3	3.02	-2.94	-3.38	
5,915.0	10.15	318.94	5,796.1	830.6	-706.5	1,090.4	0.99	-0.44	-4.91	
6,010.0	9.51	321.80	5,889.7	843.0	-716.8	1,106.6	0.85	-0.67	3.01	
6,105.0	8.53	319.36	5,983.5	854.6	-726.3	1,121.5	1.11	-1.03	-2.57	
6,201.0	6.50	311.80	6,078.7	863.6	-735.0	1,134.0	2.35	-2.11	-7.88	
6,295.0	5.05	304.94	6,172.2	869.5	-742.3	1,143.3	1.71	-1.54	-7.30	
6,355.0	5.05	304.94	6,232.0	872.5	-746.7	1,148.4	0.00	0.00	0.00	

Wellbore Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
I-1-9-15 TGT	0.00	0.00	5,200.0	730.0	-617.0	7,194,711.92	2,011,087.50	40° 3' 49.724 N	110° 10' 31.946 W
- hit/miss target									
- Shape									
- actual wellpath misses by 10.7ft at 5303.8ft MD (5198.2 TVD, 732.4 N, -627.3 E)									
- Circle (radius 75.0)									

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

```

H      HEADER      INFORMATION -----
H      COMPANY      :      NEWFIELD  EXPLORATION
H      FIELD        :      USGS      Myton   SW      (UT)
H      SITE         :      SECTION      1
H      WELL         :      I-1-9-15
H      WELLPATH:    Wellbore      #1
H      DEPTHUNT:    ft
H      SURVDATE:    7/7/2009
H      DECLINATION  CORR.
H      =            10.76 TO      GRIDH-----
H      WELL         INFORMATION
H      WELL         EW          MAP      :      2011715
H      WELL         NS          MAP      :      7193991
H      DATUM        ELEVN      :      5893
H      VSECT        ANGLE      :      319.8
H      VSECT        NORTH     :      0
H      VSECT        EAST      :      0
H-----
H      SURVEY      TYPE      INFORMATION
H      387 -      6355 SURVEY #1      :      MWD
H-----
H      SURVEY      LIST
MD     INC      AZI      TVD      NS      EW      VS      DLS
      0      0      0      0      0      0      0      0
      387      0.35      248.59      387      -0.43      -1.1      0.38      0.09
      418      0.29      255.29      418      -0.49      -1.26      0.45      0.23
      449      0.2      241.47      449      -0.53      -1.39      0.49      0.35
      480      0.26      252.96      480      -0.58      -1.5      0.53      0.24
      510      0.26      233.45      510      -0.64      -1.62      0.56      0.29
      541      0.46      282.03      541      -0.65      -1.8      0.66      1.12
      572      0.91      291.83      571.99      -0.54      -2.15      0.98      1.49
      602      1.36      296.27      601.99      -0.29      -2.69      1.52      1.53
      633      1.84      300.21      632.98      0.12      -3.45      2.32      1.59
      663      2.4      306.94      662.95      0.74      -4.37      3.39      2.04
      694      2.97      308.68      693.92      1.63      -5.52      4.81      1.86
      724      3.52      306.37      723.87      2.67      -6.86      6.47      1.88
      755      4.11      309.67      754.8      3.94      -8.48      8.49      2.03
      785      4.37      310.13      784.72      5.36      -10.19      10.67      0.87
      816      4.79      307.98      815.62      6.92      -12.11      13.1      1.46
      847      5.21      309.36      846.5      8.61      -14.22      15.75      1.41
      877      5.6      311.69      876.37      10.45      -16.36      18.54      1.49
      908      5.78      317.27      907.22      12.6      -18.55      21.6      1.88
      942      5.56      323.62      941.05      15.18      -20.69      24.95      1.95
      973      5.52      327.05      971.91      17.64      -22.39      27.93      1.08
      1004      5.76      329.05      1002.76      20.23      -24      30.94      1
      1036      5.89      331.49      1034.59      23.05      -25.61      34.14      0.87
      1068      6.24      332.78      1066.41      26.04      -27.19      37.44      1.17

```

1100	6.66	331.16	1098.21	29.21	-28.88	40.95	1.43
1131	7.06	329.96	1128.99	32.43	-30.7	44.59	1.37
1163	7.43	327.77	1160.73	35.89	-32.79	48.58	1.44
1194	8	326.19	1191.45	39.37	-35.06	52.7	1.96
1226	8.55	324.74	1223.12	43.17	-37.67	57.29	1.84
1257	8.92	322.13	1253.76	46.95	-40.48	61.99	1.75
1289	9.58	320.13	1285.34	50.95	-43.71	67.13	2.29
1321	10.09	319.32	1316.87	55.12	-47.24	72.59	1.65
1353	10.55	319.97	1348.36	59.49	-50.96	78.32	1.48
1384	11	319.5	1378.81	63.91	-54.7	84.12	1.48
1416	11.58	319.2	1410.19	68.66	-58.78	90.39	1.82
1448	12.19	318.8	1441.5	73.63	-63.11	96.97	1.92
1543	13.62	318.72	1534.1	89.59	-77.09	118.19	1.51
1638	13.97	321.56	1626.36	106.98	-91.6	140.83	0.8
1733	13.82	322.73	1718.58	124.99	-105.6	163.63	0.34
1828	12.39	318.63	1811.11	141.67	-119.21	185.15	1.79
1923	12.11	318.48	1903.94	156.78	-132.55	205.3	0.3
2018	12	317.56	1996.85	171.52	-145.82	225.13	0.23
2114	12.15	319.03	2090.73	186.52	-159.18	245.21	0.36
2210	12.61	316.77	2184.49	201.78	-172.98	265.77	0.7
2304	13.07	317.62	2276.14	217.11	-187.17	286.64	0.53
2399	13.1	318.88	2368.68	233.15	-201.49	308.14	0.3
2494	12.66	322.02	2461.29	249.47	-214.98	329.31	0.87
2589	12.96	323.38	2553.92	266.23	-227.74	350.34	0.45
2684	13.47	318.42	2646.41	283.05	-241.44	372.03	1.31
2779	13.1	316.92	2738.87	299.19	-256.14	393.85	0.53
2874	12.13	316.37	2831.57	314.28	-270.38	414.56	1.03
2969	13.36	318.94	2924.23	329.78	-284.47	435.5	1.43
3064	13.75	320.3	3016.59	346.75	-298.9	457.77	0.53
3159	13	319.47	3109.01	363.55	-313.05	479.74	0.81
3254	13.05	318.17	3201.56	379.67	-327.15	501.15	0.31
3349	12.88	318.79	3294.14	395.62	-341.28	522.46	0.23
3444	13.45	322.37	3386.65	412.34	-355	544.08	1.05
3540	13.27	319.64	3480.05	429.58	-368.95	566.25	0.68
3635	13.16	319.49	3572.53	446.11	-383.04	587.97	0.12
3730	13.51	320.79	3664.97	462.93	-397.08	609.88	0.49
3825	13.32	318.48	3757.38	479.72	-411.35	631.92	0.6
3920	13.23	318.85	3849.84	496.1	-425.75	653.73	0.13
4015	13.32	320.46	3942.3	512.73	-439.87	675.54	0.4
4110	12.9	322.24	4034.83	529.55	-453.33	697.08	0.61
4205	13.25	323.56	4127.37	546.69	-466.29	718.53	0.48
4300	13.73	322.65	4219.74	564.41	-479.6	740.66	0.55
4396	13.97	321.5	4312.95	582.54	-493.73	763.62	0.38
4490	13.32	319.51	4404.3	599.65	-507.82	785.79	0.85
4585	12.68	319.21	4496.87	615.87	-521.74	807.16	0.68
4681	12.63	320.92	4590.53	631.99	-535.24	828.19	0.39
4775	13.69	321.34	4682.06	648.66	-548.67	849.58	1.13

4870	13.43	319.51	4774.42	665.83	-562.85	871.85	0.53
4965	12.95	316.39	4866.91	681.92	-577.36	893.51	0.9
5060	12.47	314.97	4959.58	696.88	-591.96	914.36	0.6
5155	12.04	314.83	5052.42	711.11	-606.24	934.45	0.45
5250	11.32	315.18	5145.45	724.71	-619.84	953.61	0.76
5345	11.8	316.94	5238.52	738.42	-633.04	972.61	0.63
5440	11.32	317.62	5331.6	752.41	-645.96	991.63	0.53
5535	12.24	318.41	5424.59	766.83	-658.93	1011.01	0.98
5630	13.27	323.34	5517.25	783.11	-672.13	1031.96	1.58
5725	13.36	326.81	5609.7	801.04	-684.64	1053.74	0.85
5820	10.57	323.6	5702.63	817.24	-695.82	1073.33	3.02
5915	10.15	318.94	5796.08	830.57	-706.49	1090.39	0.99
6010	9.51	321.8	5889.69	843.04	-716.85	1106.61	0.85
6105	8.53	319.36	5983.51	854.56	-726.29	1121.5	1.11
6201	6.5	311.8	6078.68	863.58	-734.98	1134	2.35
6295	5.05	304.94	6172.2	869.5	-742.34	1143.27	1.71
6355	5.05	304.94	6231.97	872.53	-746.66	1148.37	0